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# NEW JERSEY

# ECONOMIC INDICATORS

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IMPORTANT

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# The Economic Situation in

## THE NATION

The national economy remained on its expansionary course in July, after expanding at a 7.6% annual rate during the second quarter. Retail sales and housing starts slipped, but industrial production, nonfarm payroll employment, and personal income all registered substantial increases and reached new all-time highs. Production gains were greatest for business equipment, defense and space products, and industrial materials. Output of household durable goods also increased sharply, while auto assemblies and consumer nondurable goods advanced fractionally.

July's expansion extended the nation's business recovery into its 20th month, with more of the same anticipated for the months immediately ahead. Some weakness is evident in the housing sector, where new home sales and construction starts have slipped somewhat from early 1984 highs, apparently in response to higher mortgage interest rates. Business investment in new plant and equipment is still on a strong uptrend, however, and consumer spending is expected to rebound from last month's dip and keep rising, though not as steeply as earlier in the recovery period.

The nation's civilian unemployment rate jumped from 7.1% in June to 7.5% in July, but most analysts have written this off as a statistical quirk. It would appear that the over-the-month increase simply represents a correction of an artificially low rate recorded in June because of imperfections in seasonal adjustment techniques. July's 7.5% rate was the same as in May and down substantially from its 10.7% peak of November and December 1982.

Inflation indicators remained favorable in July. Consumer prices advanced at a 3.6% annual rate, as did producers' prices which tend to foreshadow future mark-ups at the retail level. Continued gains in labor productivity (which advanced at a 4.7% annual rate in the nonfarm sector during the second quarter), restrained wage demands, and intense foreign competition have all contributed to the moderation of inflationary pressures. Price mark-ups are likely to quicken cyclically as some sectors of the economy move closer to full capacity operations, but the factors cited above are expected to prevent more than a modest acceleration during the year ahead.

In sum, the national economy has moved into an advanced and slower growth stage of business recovery, still accompanied by comparative price stability. Though homebuilding is slackening somewhat because of high mortgage rates, business investment and consumer spending can be expected to fuel further job expansion and lower unemployment at least into early 1985. Interest rates are also likely to rise further, however, as a result of the large federal budget deficit and growing private sector credit demands. There is concern among many economists that this could slow the economic pace some time next year, especially in such interest-sensitive markets as those for housing, autos, and other big-ticket consumer goods.

## THE STATE

Business activity and employment in New Jersey climbed again in July to new highs, mirroring national trends and reflecting the continued strength of consumer spending and business investment in new plant and equipment. All major sectors of the economy registered solid employment gains, except for government and the already booming construction industry. Labor market conditions remained the best in at least a decade, with unemployment well below the national average, and further improvement is likely as the nation's economic expansion continues during the second half of the year.

Though total nonfarm wage and salary employment in the state advanced by only 900 in July, reaching a record 3,260,800 on a seasonally adjusted basis, a large private sector gain was masked by a temporary summertime dip in the number of federally funded summer jobs for youth available in state and local government agencies. Private sector jobs increased by 10,200, the biggest over-the-month improvement since January. Employment edged down by 2,200 in construction, where seasonal hiring fell somewhat short of expectations, but fewer-than-usual seasonal layoffs and new hiring across a broad range of industries raised jobholding by 7,000 in manufacturing and 5,400 in such ser-

Note: Narrative analysis based upon the most recent data available as of August 31, 1984. Tables may contain less current information.

vice-producing activities as trade, finance, utilities, health care, recreation, and business services.

July's gains brought the total increase in the number of private sector jobs to 171,000 since the last recession bottomed out in December 1982. About 71% of this increase is accounted for by the service-producing sectors, where steady growth has been recorded by wholesale merchants, retail stores, financial institutions, public utilities, trucking companies, business services firms, medical care providers, restaurants, and recreational facilities. The balance of the increase over this 19-month period was in construction, which has been having its best year since 1973, and manufacturing, where about half of the 68,800 jobs lost during the 1981-82 slump have now been recouped.

A seasonally adjusted employment decline of 9,300 in public sector from June to July primarily reflects the reduced availability of federally funded summer jobs in state and local government agencies in comparison with past years and is strictly a summer vacation-period phenomenon. Public sector employment can be expected to return to its springtime level or slightly higher when schools reopen in September. Prior to the summertime dip, the number of federal, state, and local government jobs in New Jersey was advancing, but at a very slow pace. As of June, employment in the public sector was up 5,600 from a year earlier but substantially unchanged from its level of the autumn of 1980.

Thanks mainly to the strong pace of job growth in New Jersey over the past year and one-half, unemployment insurance (UI) claims have been running at their lowest volume in 14 years and at their lowest peacetime rate (when expressed as a percentage of covered employment) since World War II. The number of claimants collecting regular state UI benefits averaged 92,300 in July on a seasonally adjusted basis, up slightly from 89,400 in June but otherwise the fewest since July 1970, despite the fact that the number of covered workers has grown substantially since that time.

The insured unemployment rate (IUR) was 3.0% in June and 3.1% in July. Only during the labor shortage periods of the early 1950s and the second half of the 1960s (associated with the Korean and Vietnam Wars) has the IUR dropped this low. To some extent, the historical comparison is misleading because of changes in the UI law affecting coverage and eligibility, e.g., the extension of coverage to state and local government in 1978 and the offset of pensions against benefit entitlements that became effective in 1980, both of which had the effect of reducing the IUR to some extent. It is worth noting, however, that--except for the past year--the IUR has not even dropped below 4% during peacetime.

New Jersey's labor market situation is nearly--though not quite--as favorable when measured by the total unemployment rate, which includes not only UI claimants but also workers ineligible for benefits because of insufficient prior attachment to the labor market or because their entitlements have run out (or other reasons). According to the U. S. Bureau of Labor Statistics' monthly household survey, the state's unemployment rate was 6.5% in July, up sharply from a questionable 5.1% estimate for June but close to its 6.3% average for the first half of the year. Less erratic estimates prepared independently by the N. J. Department of Labor put July's joblessness at approximately 239,000 individuals or 6.2% of the labor force, down from 6.4% in June and 6.5% for the first six months of 1984. Unemployment has not been this low in New Jersey since August 1974.

Reductions of unemployment in New Jersey have come grudgingly since January, following a steep decline during the first 14 months of business recovery, when the rate dropped from 9.5% to 6.6%. Nationally, the pattern has been similar, with joblessness plummetting from 10.7% to 7.8% as of this February and then edging down only moderately to 7.5% by July. The markedly reduced pace of improvement was anticipated. It reflects the purely cyclical component of unemployment that was mostly eliminated by the start of 1984, at least in New Jersey, where the recession had been comparatively mild and where unemployment has been running well below the national average. While some further reductions appear likely during the months ahead at both the state and national levels, they will not come as easily as last year because a large proportion of those who remain unemployed have skills and/or expectations that do not readily mesh with the kinds of jobs the economy is now generating.

Other available labor market and business indicators all confirm the continued strength of the New Jersey economy that is reflected in these statistics on employment and unemployment. For example:

- Initial claims for unemployment insurance--a sensitive indicator of changes in layoff rates--declined further in July and the average factory workweek lengthened to 41.5 hours for the first time since 1979 based on revised historical data, reflecting heavy use of overtime and offering the prospect of more hiring in the manufacturing sector during the months ahead.
- New Jersey passenger car registrations--a proxy for new car sales--maintained a very strong pace through July, totaling over 307,000 for the first seven months of the year. This represents an 80% increase over the same period in 1983 and is the best on record.
- Seasonally adjusted retail sales during the first five months of 1984 were up 12.4% from a year earlier in current dollars and 8.4% when adjusted for inflation.
- According to Dun and Bradstreet 9,354 new business incorporated in New Jersey during the first four months of the year, an increase of 6.5% from the same period in 1983 when adjusted for seasonal variations.
- Despite rising interest rates, the N. J. Department of Labor's monthly survey of local building inspectors reveals that planned residential building activity has

not yet weakened from its strong pace of the past year. The seasonally adjusted number of new dwelling units authorized for construction during the first half of 1984 was up 4.6% from a year earlier. Also, residential addition and alteration projects have increased sharply over the past year.

- According to F.W. Dodge Corporation, construction contract awards in New Jersey also have sustained their very strong pace. During the first seven months of the year, total contract awards were 7.6% above their dollar volume of the comparable period in 1983. All of the increase was in the nonresidential building component, which was up 22%. Residential and infrastructure contracts were substantially unchanged.

All of this adds up to a strong bill of health for the New Jersey economy at mid-year. Except for a potential slackening of homebuilding in response to higher interest rates, the state should experience continued economic growth and further labor market improvement during the balance of this year and into early 1985. Beyond that, New Jersey's economic fortunes will depend primarily upon the success of national policymakers in dealing with the federal budget deficit and the danger of interest rate increases that could bring the business expansion to an end.

* * * * * * * *

As with other recent issues of *Economic Indicators*, this month's discussion of labor market conditions omitted reference to the size of New Jersey's civilian labor force and the number of residents employed as estimated based on the U. S. Bureau of Labor Statistics' (BLS) monthly household survey. According to BLS estimates, which are subject to substantial sampling error, the state's labor force participation rate and resident employment soared to implausibly high levels during the early months of 1984 and then dropped sharply from April to July. Even after these declines, they show resident employment climbing by 286,000 over the past 19 months, which seems on the high side in light of the 170,700 nonfarm payroll employment gain over the same period revealed by the separate monthly employer survey conducted by the New Jersey Department of Labor (NJDOL).

Independent labor force and total resident employment estimates prepared by NJDOL based on its own unofficial estimating model also show exaggerated increases during the first seven months of 1984, with resident employment up 322,000 from the recession trough to July. Since the estimating model depends in part upon the most recent six-month trend of the BLS household survey estimates, NJDOL estimates are influenced by sampling error or biases in the household survey when they persist in one direction (as distinct from flucuating randomly) over an extended period as has occurred thus far this year.

Because of these problems with the BLS household survey and NJDOL resident employment estimates, the most reliable indicator of job market trends for the state are the estimates obtained through the monthly employer survey.

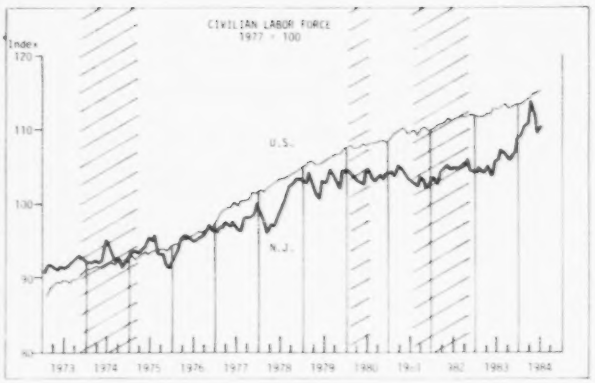
COMPARATIVE ECONOMIC INDICATORS
NEW JERSEY AND UNITED STATES
(seasonally adjusted)

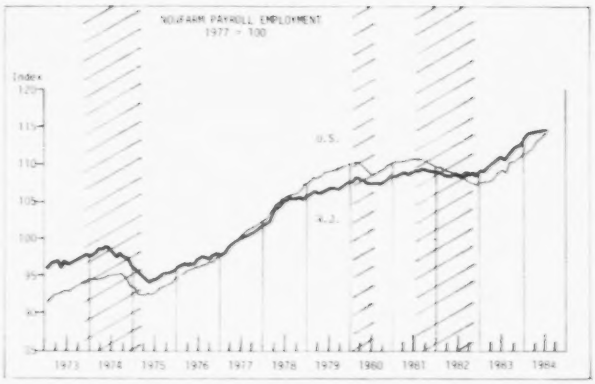
| New Jersey Data | | | Series | | | Year to Date Percent Change from year ago | |
|---|---|---|---|---|---|---|---|
| Latest Month | Month ago | Year ago | Data for | | Page No. | N.J. | U.S. |
| $ 9457 | $ 8716 | $ 8603 | Mar | Personal Income (millions) | | + 8.3 | +10.1 |
| $ 3761 | $ 3760 | $ 3353 | May | Retail Sales (millions) | S-22 | +12.4 | +12.9 |
| 2072 | 2031 | 2099 | Apr | New Business Incorporations (number) | S-16 | + 4.5 | + 9.6 |
| 25 | 49 | 37 | Jul'82 | Business Failures (number) | S-16 | + 5.1 | +43.6 |
| 107.2 | 164.0 | 90.2 | Jun | Dwelling Units Authorized (1977=100) | S-20 | + 4.6 | +14.3 |
| $ 515.2 | $ 595.6 | $ 524.5 | Jul | Construction Contracts (millions)* | S-18 | + 7.6 | +12.4 |
| $ 231.5 | $ 267.5 | $ 198.9 | Jul | Residential* | S-18 | - 0.3 | +16.9 |
| $ 200.7 | $ 246.1 | $ 184.1 | Jul | Nonresidential* | S-18 | +21.5 | +19.4 |
| $ 83.1 | $ 82.0 | $ 141.5 | Jul | Nonbuilding* | | - 0.6 | - 8.5 |
| 3260.8 | 3259.9 | 3154.1 | Jul | Nonfarm Payroll Employment (thous.) | S- 8 | + 4.0 | + 4.5 |
| 739.6 | 732.6 | 714.6 | Jul | Manufacturing (thousands) | S-10 | + 3.5 | + 7.0 |
| 2521.2 | 2527.3 | 2439.5 | Jul | Nonmanufacturing (thousands) | | + 4.2 | + 3.9 |
| 248 | 192 | 304 | Jul | Total Unemployment (thous.) *official* | S- 4 | -17.5 | -23.0 |
| 6.5 | 5.1 | 8.3 | Jul | Percent of Labor Force *official* | S- 6 | -- | -- |
| 92.3 | 89.4 | 106.5 | Jul | Insured Unemployment (thousands) | S-24 | -21.9 | N.A. |
| 3.1 | 3.0 | 3.6 | Jul | Percent of Covered Employment | S-26 | -- | -- |
| 41.5 | 41.3 | 41.0 | Jul | Average Factory Workweek (hours) | S-12 | + 2.2 | + 2.4 |
| $ 9.34 | $ 9.32 | $ 9.14 | Jul | Average Factory Hourly Earnings* | S-35 | + 3.1 | + 3.5 |
| $382.94 | $383.98 | $370.17 | Jul | Average Factory Weekly Earnings* | S-33 | + 5.4 | + 6.7 |

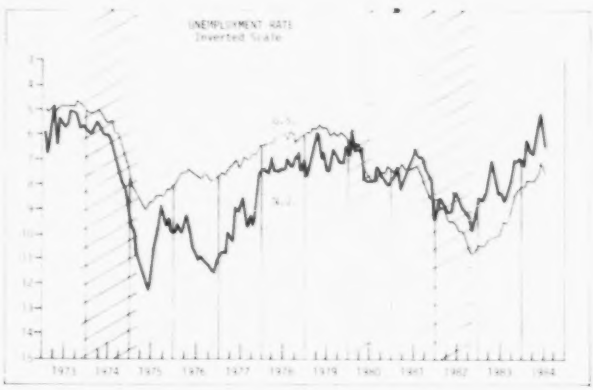
See pages S-1 to S-3 for data notes on all the above listed series.
*Not seasonally adjusted
INA - Information Not Available

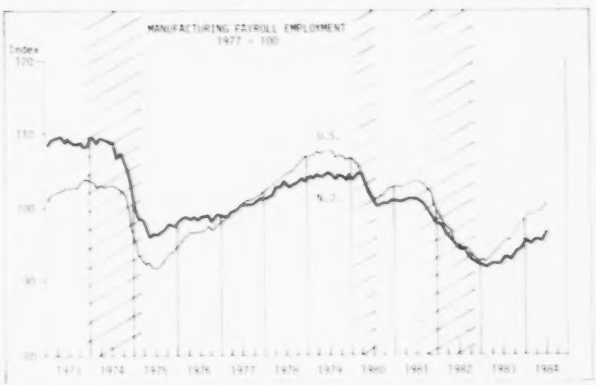
# Comparisons of Economic Trends in

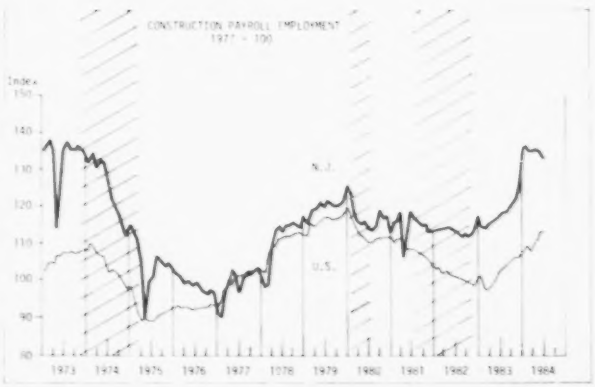
# New Jersey and the United States



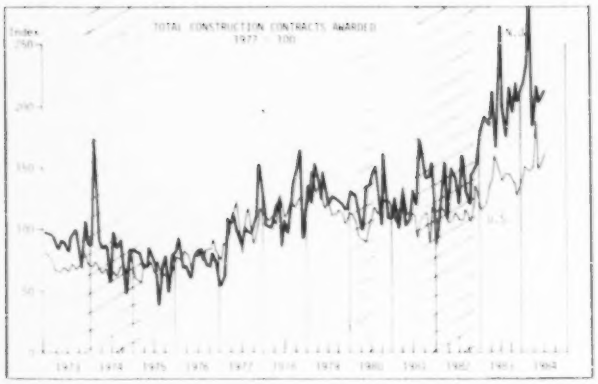



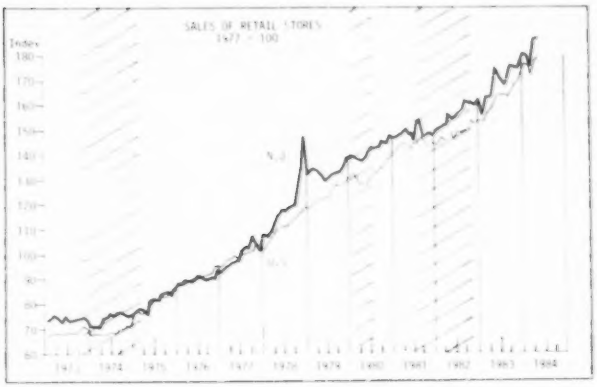



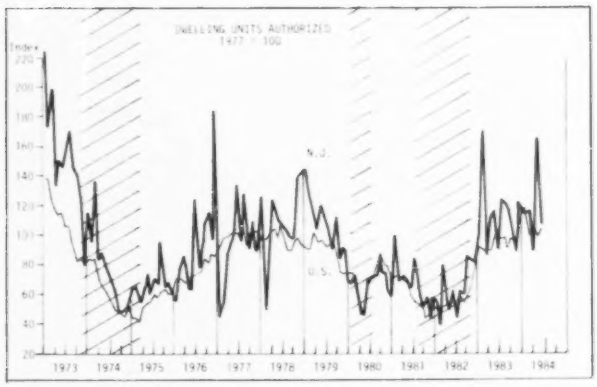



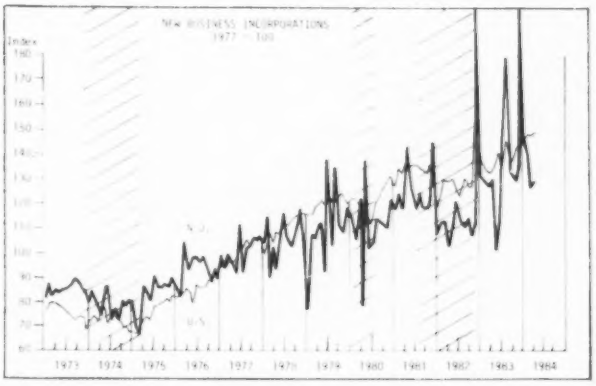



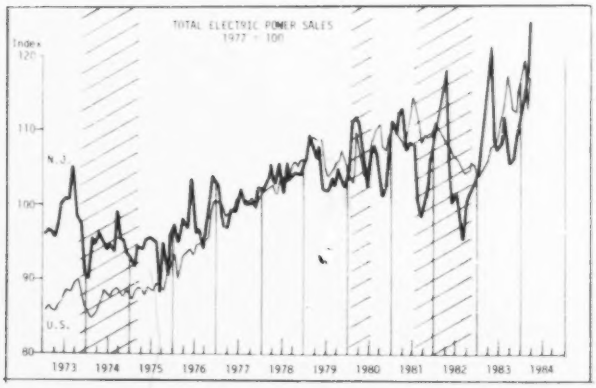
All data in the charts on these two pages have been seasonally adjusted and indexed to a 1977 base with two exceptions. Data on the unemployment rate and manufacturing workweek are presented in actual units. The advantage of using an index is that it facilitates comparisons between the state and the nation. The data for retail sales in New Jersey have been adjusted to take account of sample revisions that caused breaks in the series.

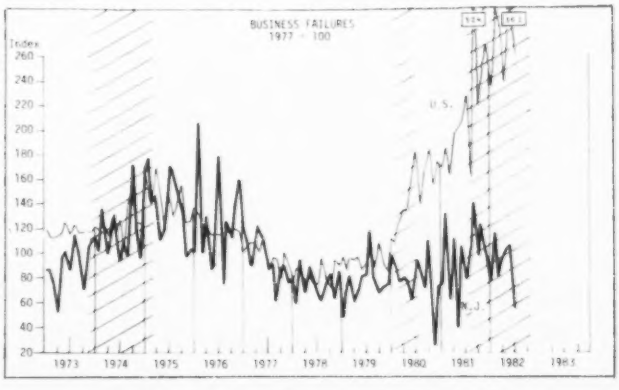


# Redesign of the Sample for the Current Population Survey

*The article that follows discusses the sample redesign for the nationwide Current Population Survey, which is currently being introduced by the U.S. Census Bureau. It was written by Kathleen P. Creighton and Robert Wilkinson and appeared in U.S. Bureau of Labor Statistics,* Employment and Earnings, *Vol. 31, No. 5, May 1984.*

The Current Population Survey (CPS), sponsored by the Bureau of Labor Statistics and conducted by the Bureau of the Census, is a sample survey conducted monthly to obtain reliable estimates of labor force characteristics of the population of working age.

Since the inception of the CPS in 1940, the sample has been redesigned several times, most recently in the early 1970s, to upgrade the quality and reliability of the data and to meet changing data needs. Beginning in April 1984, the current design is being phased out through a series of changes that will be completed in July 1985. This article discusses the scope and nature of these changes and their impact upon the survey methodology and the estimates derived from the CPS.

There are three important reasons for redesigning the CPS at this time. (1) To make use of data from the 1980 census in order to update the sampling frame, as is done after every decennial census; (2) to take advantage of recent research findings to improve the efficiency and quality of the survey; and (3) to meet the increased need for state data. Improved estimation procedures will also be introduced as an adjunct to the redesign.

## NEW DESIGN OBJECTIVES

The CPS is a monthly probability sample based on a stratified sampling scheme. In the first stage of sampling, primary sampling units (PSU's) are selected. These PSU's correspond to substate areas, usually counties or groups of counties, and are grouped into clusters called strata. Within each stratum, a single PSU is chosen for the sample, with probability proportional to its population as of the most recent decennial census. This PSU represents the entire stratum from which it was selected. In the case of strata consisting of only one PSU, the PSU is chosen with certainty.

At the time it was put into place, the current (1970) design was intended to provide reliable national estimates of labor force characteristics. Strata were defined within four regions of the United States, with many strata crossing state boundaries. Beginning in the mid-1970s, more accurate estimates of state labor force data were needed. Because the national design was unable to provide these estimates at the desired level of reliability for all states, additional sample areas were selected to achieve this goal. Although the resulting sample design was an efficient solution to a short-term problem, it was not the best design for producing both state and national estimates.

The redesign provides the first opportunity to increase efficiency for state data. The first step, as recommended by the National Commission on Employment and Unemployment Statistics,[1] is to introduce a "state-based" design. All strata are defined within state boundaries, and the sample is allocated among the states to produce state and national estimates with the required reliability while keeping total sample size to a minimum. Improved reliability of state data will be achieved with about the same sample size as in the 1970 design. A byproduct of the increased reliability for state estimates will be gains in accuracy for data on persons of Hispanic origin as well.

Specific goals for the new design include:

1. Maintaining the same reliability as the 1970 design on national monthly estimates

of levels and changes for the labor force by major characteristics,

2. Reducing the coefficient of variation (CV) for annual state estimates of the total number of unemployed persons to 8%, at a 6% unemployment rate, and
3. Reducing the CV for monthly state estimates of the total number of unemployed persons in the 11 largest states (California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas) to 8%, assuming a 6% unemployment rate.

In addition to meeting the changing survey objectives, the new design uses the 1980 decennial census as the main sampling frame. This use of more recent information in forming and selecting the new PSU's improves the efficiency of the design.

The efficiency and quality of the new design will also be enhanced by incorporating the findings of research conducted since the 1970 design was implemented. For example, improved procedures were used in stratifying the sample.[2]

Finally, improved estimation procedures will be introduced into the CPS in January 1985. Although incidental to the redesign process, these changes will increase the reliability of estimates obtained when the new design is in place.

## PHASE-IN OF THE NEW DESIGN

The phase-in of the new design will take place in two waves. The first will involve "continuing" areas, those selected in both the old and new design. The sampling frame in these areas is being updated beginning in April 1984 and continuing through July 1985. Ninety percent of the entire sample is in "continuing" areas.

The second wave involves changing the areas selected for sampling. From November 1984 through June 1985, some areas newly selected will gradually replace some selected in the old design but not in the new one. Sample households selected from address lists obtained from the 1980 census will replace households selected from the 1970 census lists and from permits for new residential construction issued since 1970.

The redesigned sample will contain 729 out of a total of 1,973 geographic areas in the United States. In the 1970 design, 629 areas were chosen to represent the 1,924 areas into which the country was divided. The areas used in the 1970 and 1980 designs are not completely comparable because many of the sample areas were redefined for 1980. This redefinition was carried out for a number of reasons. Primary among these was the shift from a sample designed to produce national estimates to one designed to produce both state and national estimates. In addition, some sampling areas were redefined to correspond to the new metropolitan area definitions, and others were redefined to improve efficiency in field operations, as explained later.

In both the 1970 and 1980 designs, the sample is divided into eight approximately equal rotation groups. The 1980 CPS design uses the same rotation pattern as the 1970 design, in which a rotation group is interviewed for four consecutive months, temporarily leaves the sample for eight months, and then returns for four more consecutive months before retiring permanently from the CPS (after a total of eight interviews).

*Continuing areas.* From April 1984 through July 1985, the new CPS design will be phased in for continuing areas one rotation group at a time. This consists of gradually replacing sample materials selected from the 1970 census-based frame with materials selected from the 1980 census-based frame. This gradual phase-in minimizes effects on the continuity of the CPS data series. In the replacement process, sample sizes within individual areas may change, but the total sample size for the survey will remain about the same. Each month from April through July 1984, an additional rotation group of the new sample will be phased in. By July 1984, half the sample in continuing areas will be obtained from the new design. Due to the rotation pattern, this proportion will not change between July 1984 and April 1985. Then, from April through July 1985, the old design sample will again be replaced by the new design sample at the rate of one rotation group per month. In July 1985, the phase-in of the new sample will be complete. This pattern is depicted in Table 1.

*New sample areas.* In November 1984, the new sample areas will begin to replace the outgoing areas. The effects of this change are expected to be minor, because the sample in new and outgoing areas accounts for only about 10% of the national estimate. As shown in Table 1, from November 1984 through February 1985, the new areas will be introduced at the rate of one rotation group per month. From March through June 1985, two rotation groups in the new areas will be phased in each month. One of these will replace a retiring rotation group from the old design, and the other will replace a rotation group from the old design that would otherwise have returned to the sample for its fifth interview. For this reason, the normal rotation pattern in these areas will not be preserved during this period. The replacement of outgoing areas with new areas will be completed in June 1985, one month before the phase-in of continuing areas is completed.

As the new areas are phased in, the weighting factors used in computing estimates must be updated to account for the change in areas included in the sample. These factors include the noninterview adjustment and the first-stage estimation procedure. These updated factors will be introduced into the estimation process at the same rate as the new sample areas are introduced into the sample.

## EFFECTS OF THE CHANGEOVER

*Field operations.* Because new areas will be phased into the sample and some old areas will be dropped, increased hiring and training of the interviewing staff, as well as some dismissals, will be required during this time period. To minimize the possible impact of an influx of inexperienced interviewers into the CPS program, training of interviewers for new areas will include a three-month period during which they

will be given assignments but their work will be excluded from the actual estimates. By the fourth month, they will have completed three months of trial interviewing, a three-day classroom training session, and four months of home study. At this point, the data collected from the new interviewers' assignments will be included in the monthly estimates.

Efforts also will be made to maintain the experienced staff of interviewers who will be affected by the phase-out of certain sample areas, either by offering work in adjacent, continuing sample areas or by offering work on other programs. In any event, these interviewers will be notified in advance of the phase-out of their sample areas. Their work during this period will be closely monitored to avoid any adverse impact that their anticipation of termination may have on the data.

A consequence of the redesign is the introduction of new sample forms and control cards for use in the 1980 sample areas. Since the basic labor force questionnaire will remain unchanged, changes to these other forms will have no impact on the actual labor force data.

*Continuity of data series.* Two aspects of introducing the new CPS design have the potential of affecting published estimates. These are the temporary disruption of the rotation pattern from March through June 1985 for a comparatively small portion of the overall sample and the actual change in sample areas. In addition, the concurrent improvements in the estimation procedure and the use of updated definitions of metropolitan areas, both planned for January 1985, will have some effect on CPS data series.

Labor force estimates in the CPS are affected by changes in the rotation pattern because of a relationship between the number of times a rotation group has been interviewed and the expected value of the estimate obtained from the group. Normally, the eight rotation groups contributing to the published estimate are evenly distributed in terms of the number of times they have been in the sample, from one through eight. However, when the new areas are phased in at the rate of two rotation groups at a time, this even distribution by time in sample is lost. For example, in March 1985, two rotation groups will be in sample for the first time and none for the fifth time. Since published CPS estimates represent averages of the eight rotation groups estimates, a change in the time-in-sample distribution from one month to another will cause a difference between the overall estimates for those months, even though the actual value of the characteristic being estimated may not have changed at all. Similarly, this effect might mask real differences between estimates. The Bureau of the Census and BLS have examined the potential effects of this disruption to the rotation pattern on major published estimates and expect them to be negligible.

In addition to the temporary phase-in effect discussed above, the new design may produce some small permanent differences, particularly in state estimates. These differences are the result of restratifying the sampling frame within each state for the 1980 design, selecting a different set of sample PSU's to represent each state, and adjusting the weighting factors to reflect this change. These differences may appear to be discontinuities in the CPS data

Table 1

ROTATION GROUP REDESIGN SCHEME

| Year and Month | Continuing PSU's (90 Percent) | | Replacement PSU's (10 Percent) | | Overall Percent of Households On 1980 Design |
|---|---|---|---|---|---|
| | New Sample Rotations | Old Sample Rotations | New Sample Rotations | Old Sample Rotations | |
| 1984: | | | | | |
| April | 1 | 7 | 0 | 8 | 11.0 |
| May | 2 | 6 | 0 | 8 | 22.0 |
| June | 3 | 5 | 0 | 8 | 33.0 |
| July | 4 | 4 | 0 | 8 | 44.0 |
| August | 4 | 4 | 0 | 8 | 44.0 |
| September | 4 | 4 | 0 | 8 | 44.0 |
| October | 4 | 4 | 0 | 8 | 44.0 |
| November | 4 | 4 | 1 | 7 | 45.5 |
| December | 4 | 4 | 2 | 6 | 47.0 |
| 1985: | | | | | |
| January | 4 | 4 | 3 | 5 | 48.5 |
| February | 4 | 4 | 4 | 4 | 50.0 |
| March | 4 | 4 | 5 | 3 | 51.0 |
| April | 5 | 3 | 6 | 2 | 64.0 |
| May | 6 | 2 | 7 | 1 | 77.5 |
| June | 7 | 1 | 8 | 0 | 89.0 |
| July | 8 | 0 | 8 | 0 | 100.0 |

series but are in fact manifestations of between-PSU variation. The most notable estimate likely to be affected by the change in sample areas is agricultural employment, but the effect is expected to be small.

The introduction of new sample areas also will cause a slight increase in the variance of year-to-year change estimates published in 1985 and 1986. This is because the overlapping sample between CPS estimates for the same month, one year apart, will decrease from the usual 50% to a minimum of 45%. The decrease in the sample overlap occurs in equal increments, beginning in March 1985. The minimum overlap of 45% occurs from June through October 1985, after which the overlay increases in equal increments to 50% in February 1986. For characteristics concentrated in areas represented by new and outgoing PSU's, this increase in the variation of year-to-year change estimates will be larger. The sample changes will have no effect on the variance of month-to-month change estimates.

As indicated earlier, improvements in the estimation procedures are being introduced, quite apart from the redesign itself, effective with data for January 1985. These improvements --involving the second-stage ratio adjustment and composite estimation procedures--are expected to increase the accuracy of the estimates. They may be noticed as slight differences in the published estimates at the time of introduction in January 1985.

Finally, changes in the definitions of metropolitan areas, discussed in detail below, will increase the CPS estimates of metropolitan populations at both the state and national levels and, correspondingly, decrease the nonmetropolitan area population.

*Metropolitan areas.* Most of the known impact on estimates during and after the sample redesign will be the result of changing from 1970 to 1980 geographic definitions. The sample based on the 1980 design will incorporate the geographic definitions from the 1980 census, while the sample based on the 1970 design will continue to incorporate 1970 census definitions. To minimize the impact on these estimates and to insure that the entire sample reflects consistent area definitions, the 1980 definitions will be converted to 1970 equivalent designations through December 1984. For example, if a 1980 sample area is inside a metropolitan area based on 1980 census data but outside a metropolitan area based on 1970 census data, it would be considered nonmetropolitan until the change is made to the new geographic definitions in January 1985. At that time, the reverse of this geographic conversion will occur. The geographic information for the remaining sample selected from the 1970 sampling frame will be converted to reflect the new definitions.

The geographic conversions described above should have little or no impact on the national metropolitan-nonmetropolitan estimates through the third quarter of this year. Some variability in the data for the subsequent three quarters will occur as new sample areas are phased in and old areas are phased out.

Another feature associated with the introduction of updated geographic definitions into the CPS is the use of new terminology for metropolitan areas--Metropolitan Statistical Areas (MSA's), Consolidated Metropolitan Statistical Areas (CMSA's), and Primary Metropolitan Statistical Areas (PMSA's). These terms replace the 1970 terms, Standard Metropolitan Statistical Areas (SMSA's) and Standard Consolidated Statistical Areas (SCA's). An MSA stands alone and is not closely associated with other metropolitan areas. MSA's typically are surrounded by nonmetropolitan counties and have either a city or an urbanized area with a population of at least 50,000 and a total population of at least 100,000. If an area has a population of more than one million and meets certain other requirements, it is termed a CMSA. CMSA's consist of major components called PMSA's.[3]

In January 1985, 1980 census geographic definitions will be used for the entire sample, and the 1983 metropolitan-nonmetropolitan area designations based on 1980 census results will be introduced. This will affect the quarterly published estimates of the metropolitan population, since the number of metropolitan areas increased from 243 under 1970 definitions to 318 areas under 1983 definitions. After completion of the sample phase-in, estimates of the total metropolitan population will be approximately 20 million higher than at present because of the use of the new definitions for metropolitan areas. The impact on CPS data for specific metropolitan areas--which, except for New York and Los Angeles, are published on an annual average basis--will vary according to how each is affected by any 1983 redefinition.

Some geographic classifications, however, cannot be readily converted to 1970 (or 1980) equivalents. These include poverty and nonpoverty areas and urban and rural areas. Since 1974, quarterly and annual estimates for poverty and nonpoverty areas based on 1970 census definitions have been a regular feature of this publication (Editor's note: the publication referred to here is *Employment and Earnings* in which this article originally appeared); as indicated in Table A-69 of the April 1984 issue, publication of these data is being suspended until the fourth quarter of 1985, at which time all data will be based on the new design.

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FOOTNOTES

[1]National Commission on Employment and Unemployment Statistics, *Counting the Labor Force* (Washington, D.C., U.S. Government Printing Office, Labor Day 1979), pp. 128-29.

[2]Some of the technical changes being made in the sample design and estimation procedures are described in detail by Gary M. Shapiro in "Planned Improvements in the Redesign of Census Bureau Demographic Surveys as the Result of Research," *Proceedings of the Section on Survey Research Methods of the American Statistical Association, 1982*, pp. 193-98.

[3]A complete listing of 1983 MSA's, CMSA's, and PMSA's is available in the Office of Management and Budget Release 83-20.

(Reprinted from *Employment and Earnings*, Vol. 31, No. 5, May 1984.)

# Economic Briefs

1990 CENSUS MEETING PLANNED

The New Jersey State Data Center in conjunction with the U.S. Bureau of the Census is sponsoring a local public meeting to discuss the 1990 census.

The meeting, to be held on Thursday, October 11, 1984 at Trenton State College, Brower Student Center, Room 202, is open to the public and all users and potential users of census data at no charge.

The Census Bureau is currently reviewing the data needs of a wide variety of data users and this meeting will offer the opportunity for individuals to present their comments and suggestions on all phases of the 1990 census.

The meeting is scheduled from 8:30 a.m. to 4:30 p.m. and the issues to be covered include: population items, housing items, data products and services, geography, and the planning of the 1990 census.

Whether you are a government official who uses census information for planning urban or regional development; a business person who uses census data to determine future markets; a community leader interested in studying local trends; a scholar or researcher interested in various social, economic or housing problems; or a private citizen desiring information on the census, the Census Bureau is interested in hearing your views and recommendations for improving the quality of the 1990 census.

For more information regarding the upcoming local public meeting, contact the New Jersey State Data Center at (609) 984-2593 or by writing to: New Jersey State Data Center, Division of Planning and Research, Department of Labor, CN 388, Trenton, NJ 08625-0388.

LABOR SURPLUS AREAS REMAIN THE SAME

The U.S. Department of Labor will be releasing on October 1 a revised list of labor surplus areas eligible for Federal procurement preference as authorized under Executive Orders 12073 and 10582.

To be included on the list, an area must have a population of 50,000 or more and experienced an average unemployment rate of 10.0% during the 1982-1983 period.

In New Jersey, the list of eligible areas is unchanged from the listing which expires on September 30, 1984. The following areas are eligible for preference: Cape May County, Cumberland County, Hudson County, Camden City, East Orange City, Elizabeth City, Newark City, Passaic City, Paterson City, and Trenton City.

Inquiries about labor surplus areas in New Jersey should be directed to Anna Kiley, N.J. Department of Labor, Division of Planning and Research, CN 383 Trenton, New Jersey 08625 (609-292-2568) or to the U.S. Department of Labor, TEEPA, 601 D Street, N.W., Washington, D.C. 20213 (202-376-6700).

# STATISTICAL SECTION

SEASONAL ADJUSTMENT OF DATA

All charts, except charts I and II and where otherwise noted, contain data seasonally adjusted by the X-11 variant of the U.S. Census Bureau program; multiplicative methods have been used for all series except Series 21 which is adjusted by the additive method.

Data for 1975 and subsequent years in charts I and II have been seasonally adjusted using the ARIMA (Auto-Regressive Integrated Moving Average) method of seasonal adjustment developed by Statistics Canada.

TABLE NOTES

Preliminary and revised data are indicated by a "p" or "r" after the entry.

CHART NOTES

Unless otherwise noted, all graphs were developed with seasonally adjusted data. Some series were plotted with the following variations noted on the graph itself:

*Moving Averages.* Series where the monthly data vary erratically have been plotted with moving averages and with nonaveraged data superimposed for the most recent years.

*Ratio Scales.* Where ratio scales were used to show constant rates of change as straight lines, this has been noted; otherwise, the graph is on an arithmetic scale.

*Inverted Scales.* For series where declines are associated with economic expansion (such as unemployment and business failures) an inverted scale has been used and noted.

Since the scale of each series is determined by the volume and trend of the data time series, a graph may not be comparable to other graphs on the same or other pages of the report.

MONTHLY AVERAGES

Boxed on each graph are the monthly averages of the series data for recent years to be used as a benchmark for evaluating current monthly data.

SHADED AREAS

Periods identified by the National Bureau of Economic Research (NBER) as ones of general national contraction have been shaded. They include the periods December 1969-November 1970, November 1973-March 1975, January 1980-July 1980 and July 1981-November 1982.

SERIES SOURCES

| | |
|---|---|
| 1-16 | NJ Department of Labor<br>Division of Planning and Research |
| 17 | US Bureau of Labor Statistics |
| 18 | NJ Department of Labor<br>Division of Planning and Research |
| 19-20 | Dun & Bradstreet, Inc. |
| 21 | New Jersey Bell Telephone Company |
| 22-24 | McGraw-Hill Information Systems Company,<br>F.W. Dodge Division |
| 25-27 | NJ Department of Labor<br>Division of Planning and Research |
| 28-29 | US Bureau of the Census |
| 30 | NJ Division of Motor Vehicles |
| 31-39 | NJ Department of Labor<br>Division of Planning and Research |

SERIES NOTES

1-6 The RESIDENT LABOR FORCE INDICATORS are estimated by two different methodologies. The *official series* is based on the U.S. Bureau of Labor Statistics monthly survey of some 1,780 New Jersey households. The *unofficial series* is based on a combination of unemployment insurance claims, employer survey data, estimating formulas, and household survey benchmarks, which produce data more reliable as economic indicators.

Both data series are based upon population estimates and weights derived from the 1980 U.S. Census of Population.

*Official series* data have been adjusted to 1983 population estimates produced by the U.S. Bureau of the Census.

*Unofficial series* data have been adjusted to a 1983 benchmark.

Estimates for both series have been revised based on seasonal adjustment factors incorporating the experience of 1983.

The LABOR FORCE PARTICIPATION RATE and the EMPLOYMENT/POPULATION RATIO (Series 4 and 5) are expressed as percentages of the civilian noninstitutional population aged 16 years and over.

7-12 The ESTABLISHMENT EMPLOYMENT INDICATORS are generated from a monthly survey of employers on the number of persons who worked or received pay for any part of the pay period including the 12th of the month. The series are adjusted to March 1983 benchmarks and reflect the 1972 SIC (Standard Industrial Classification Manual) changes. See footnote on page S-31 for change in estimating state government employment.

PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (Series 8) is computed by subtracting government employment from total nonfarm payroll employment.

SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (Series 12) includes the industries of trade, services, finance/insurance/real estate, and transportation/communications/public utilities.

13 MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS is developed from a monthly survey of employers on the number of nonsupervisory employees in the manufacturing sector who worked during or received pay for any part of the pay period including the 12th of the month. The series are adjusted to 1983 benchmarks and reflect the 1972 SIC changes.

14 MANUFACTURING WORKWEEK - PRODUCTION WORKERS is derived from a monthly survey of employment and earnings. The workweek is estimated by dividing AGGREGATE MANUFACTURING WEEKLY MANHOURS by MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS.

SERIES NOTES

15 AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS are estimated from a monthly survey of the manhours worked by manufacturing production workers.

16 WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors. Data are not seasonally adjusted.

17 The CONSUMER PRICE INDEX (CPI) measures the change in prices of a fixed market basket of goods and services purchased by urban workers. The index represents price changes for everything people buy for living -- food, clothing, automobiles, homes, furnishings, fuel, drugs; fees to doctors, lawyers, and beauty shops; and rent, repair costs, transportation fares, public utility rates, etc. All taxes (sales, excise, real estate, etc.) directly associated with the purchase and continued ownership of an item are included in the price. Income and other personal taxes not associated with prices of specific goods are excluded.

The data series reproduced in the report are the *Urban Wage Earners and Clerical Workers* series (CPI-W).

The U.S. CPI is the *U.S. City Average*.

The N.Y. CPI is for the *New York, N.Y.-Northeastern New Jersey* area which includes in New Jersey: Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union counties; and in New York: New York City, Nassau, Rockland, Suffolk, and Westchester counties.

The Phila. CPI is for the *Philadelphia, Pa.-New Jersey* area which includes in New Jersey: Burlington, Camden, and Gloucester counties; and in Pennsylvania Bucks, Chester, Delaware, Montgomery, and Philadelphia counties.

Questions on the use of the CPI should be addressed to the U.S. Bureau of Labor Statistics offices in New York City (212) 944-3121 or in Philadelphia (215) 596-1154.

THERE IS NO NEW JERSEY CONSUMER PRICE INDEX NOR COST OF-LIVING INDEX.

18 NET SPENDABLE EARNINGS are calculated by adjusting gross average weekly earnings for the effects of state and federal taxes and inflation. Federal tax adjustments are made by the New Jersey Department of Labor according to a formula previously developed by the U.S. Department of Labor. Inflation adjust-

ments are based on the average *Consumer Price Index for Urban Wage Earners and Clerical Workers* in the New York -Northeastern New Jersey and the Philadelphia-New Jersey areas. The data are not seasonally adjusted.

21 The NET GAIN IN BUSINESS TELEPHONES data series has been discontinued. See note on page S-16 for explanation. A new General Business Indicator series will be published beginning next month.

22-24 The CONSTRUCTION CONTRACTS INDICATORS are proprietary data provided by special permission of the F.W. Dodge Division, McGraw-Hill Information Systems Company.

The cumulative data presented in the table on page 3 are not the sum of the data contained in series 22, 23, and 24. The cumulative data contain retroactive revisions not attributed to a specific month. Due to an atypically large revision, retroactive to June 1980, the 1981 year-to-year cumulative comparisons of residential construction contracts show a decline not reflected in Series 22 and 23. These unadjusted data are published as received from F.W. Dodge.

TOTAL CONSTRUCTION CONTRACTS AWARDED (Series 22) is not the sum of the published components; it also includes heavy engineering contracts. Series 22 was seasonally adjusted independently and is not the sum of the seasonally adjusted components. For this reason, in some months, the published components may add up to more than the total contracts data (Series 22).

25-27 The RESIDENTIAL BUILDING PERMITS INDICATORS are compiled as of the fifth day of the second following month and are not revised as subsequent reports are received. Since the reports from all New Jersey municipalities are never received by the cutoff date, preliminary figures are used for both the current and the historical series in order to ensure comparability. Final monthly data incorporating late reports appear in the annual summaries of *New Jersey Residential Building Permits*, published by the Division of Planning and Research.

DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (Series 25) data were seasonally adjusted independently and are not the sum of the seasonally adjusted components. For this reason, in some months, the published components may add up to more than the total (Series 25) data.

DWELLING UNITS (5 OR MORE) AUTHORIZED BY BUILDING PERMITS (Series 27) include all multifamily structures with five or more units, except those in public housing.

28-29 The figures prior to 1970 for SALES OF RETAIL STORES were adjusted by the New Jersey Department of Labor to account for sample revisions introduced in 1968 by the U.S. Census Bureau.

SALES OF RETAIL STORES IN 1967 DOLLARS (Series 29) has been deflated by the "commodities only" component of the average New York-Northeastern New Jersey and Philadelphia-New Jersey *Consumer Price Index for All Urban Consumers*.

31-32 The variation in the numbers of nonfarm job openings received and placements made by the Employment Service is due to the redirection of resources towards basic labor exchange services and cancelling (June 1983) of the Teacher Registry, a substitute teachers placement service. Accordingly caution should be used in interpreting these data and in making comparisons with earlier figures.

33 WEEKS CLAIMED - WEEKLY AVERAGE is computed by dividing the total number of weeks claimed (intrastate and interstate agent under Regular UI program only) in the month by the number of weeks in the month.

34 The INSURED UNEMPLOYMENT RATE (IUR) is a weekly average of claimants (intrastate and interstate agent claims under the regular state program only) as a percent of the estimated covered employment.

The current INSURED UNEMPLOYMENT RATE data may not be comparable with earlier data. Beginning with the IUR statistics for the fourth quarter of 1978, the covered employment denominator was inflated by an extension of coverage to approximately 430,000 additional workers which has produced an artificial "deflation" of the IUR statistics. The expanded coverage was phased into the calculations of the official IUR formula in four approximately equal steps effective in October 1978 and in January, April, and July 1979.

35 The INITIAL CLAIMS WEEKLY AVERAGE represents intrastate and interstate agent claims under the regular state program only.

36 The UNEMPLOYMENT INSURANCE EXHAUSTIONS are from the regular state program only.

37-39 The industry INSURED UNEMPLOYMENT data are derived from a three percent sample of all claimants under the regular state unemployment insurance program. The data reflect the number of insured unemployed during the week containing the 12th of the month, although the data are a count of the claims filed during the week containing the 19th of the month.

INSURED UNEMPLOYMENT IN SERVICE PRODUCING INDUSTRIES (Series 39) includes the industries of transportation/communications/public utilities, trade, finance/insurance/real estate, and services.

TABLE I RESIDENT LABOR FORCE INDICATORS - I

1. CIVILIAN LABOR FORCE (000) Seasonally Adjusted Data

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 3,608 | 3,580 | 3,583 | 3,610 | 3,603 | 3,636 | 3,744 | 3,726 |
| Feb | 3,587 | 3,581 | 3,552 | 3,599 | 3,615 | 3,656 | 3,811 | 3,763 |
| Mar | 3,632 | 3,573 | 3,611 | 3,595 | 3,598 | 3,652 | 3,822 | 3,779 |
| Apr | 3,629 | 3,579 | 3,634 | 3,602 | 3,644 | 3,646 | 3,928 | 3,822 |
| May | 3,607 | 3,567 | 3,641 | 3,618 | 3,589 | 3,651 | 3,861 | 3,857r |
| Jun | 3,580 | 3,571 | 3,613 | 3,621 | 3,650 | 3,657 | 3,777 | 3,862p |
| Jul | 3,562 | 3,580 | 3,625 | 3,614 | 3,659 | 3,643 | 3,812 | |
| Aug | 3,549 | 3,582 | 3,626 | 3,619 | 3,701 | 3,653 | | |
| Sep | 3,535 | 3,588 | 3,634 | 3,635 | 3,695 | 3,655 | | |
| Oct | 3,584 | 3,581 | 3,637 | 3,639 | 3,661 | 3,662 | | |
| Nov | 3,569 | 3,589 | 3,664 | 3,652 | 3,685 | 3,681 | | |
| Dec | 3,532 | 3,597 | 3,609 | 3,639 | 3,762 | 3,667 | | |

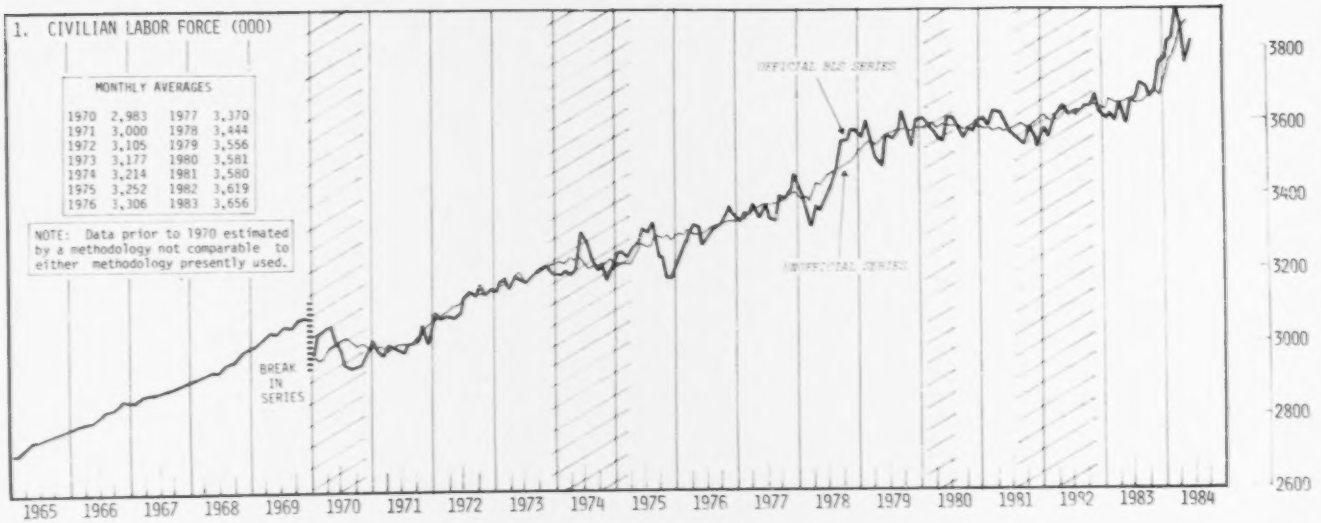
2. RESIDENT EMPLOYMENT (000) Seasonally Adjusted Data

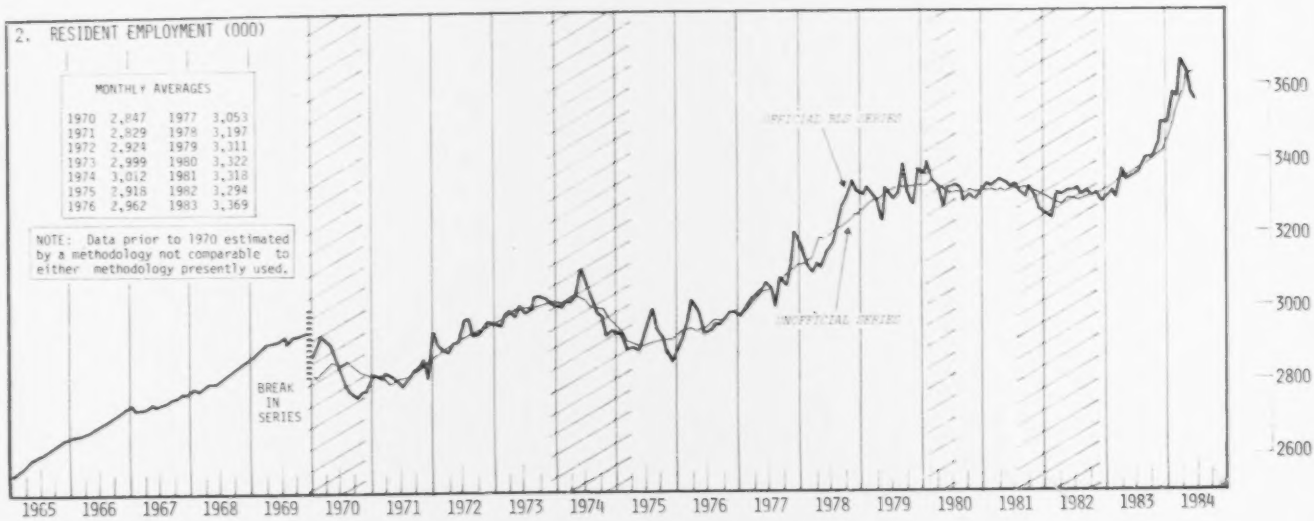
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 3,335 | 3,318 | 3,248 | 3,302 | 3,298 | 3,320 | 3,503 | 3,479 |
| Feb | 3,329 | 3,321 | 3,240 | 3,293 | 3,305 | 3,335 | 3,575 | 3,514 |
| Mar | 3,338 | 3,315 | 3,303 | 3,283 | 3,297 | 3,340 | 3,565 | 3,533 |
| Apr | 3,347 | 3,322 | 3,303 | 3,280 | 3,365 | 3,345 | 3,661 | 3,581 |
| May | 3,341 | 3,314 | 3,310 | 3,293 | 3,339 | 3,355 | 3,639 | 3,606r |
| Jun | 3,324 | 3,316 | 3,312 | 3,295 | 3,347 | 3,361 | 3,585 | 3,616p |
| Jul | 3,329 | 3,323 | 3,323 | 3,286 | 3,355 | 3,370 | 3,564 | |
| Aug | 3,306 | 3,320 | 3,302 | 3,290 | 3,378 | 3,380 | | |
| Sep | 3,296 | 3,324 | 3,308 | 3,296 | 3,398 | 3,389 | | |
| Oct | 3,322 | 3,317 | 3,301 | 3,298 | 3,405 | 3,401 | | |
| Nov | 3,302 | 3,315 | 3,305 | 3,304 | 3,428 | 3,414 | | |
| Dec | 3,260 | 3,310 | 3,278 | 3,309 | 3,503 | 3,417 | | |

3. UNEMPLOYMENT (000) Seasonally Adjusted Data

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 273 | 262 | 335 | 308 | 305 | 316 | 271 | 247 |
| Feb | 258 | 260 | 312 | 306 | 310 | 321 | 236 | 249 |
| Mar | 294 | 258 | 308 | 313 | 301 | 312 | 257 | 245 |
| Apr | 282 | 257 | 331 | 322 | 279 | 301 | 267 | 241 |
| May | 266 | 253 | 331 | 325 | 250 | 297 | 222 | 251 |
| Jun | 256 | 255 | 301 | 326 | 303 | 296 | 192 | 246p |
| Jul | 233 | 257 | 302 | 328 | 304 | 272 | 248 | |
| Aug | 243 | 262 | 324 | 329 | 323 | 273 | | |
| Sep | 239 | 264 | 326 | 339 | 297 | 266 | | |
| Oct | 262 | 264 | 336 | 341 | 256 | 262 | | |
| Nov | 267 | 274 | 359 | 347 | 257 | 267 | | |
| Dec | 272 | 287 | 331 | 330 | 259 | 249 | | |

## CHART I RESIDENT LABOR FORCE INDICATORS – I



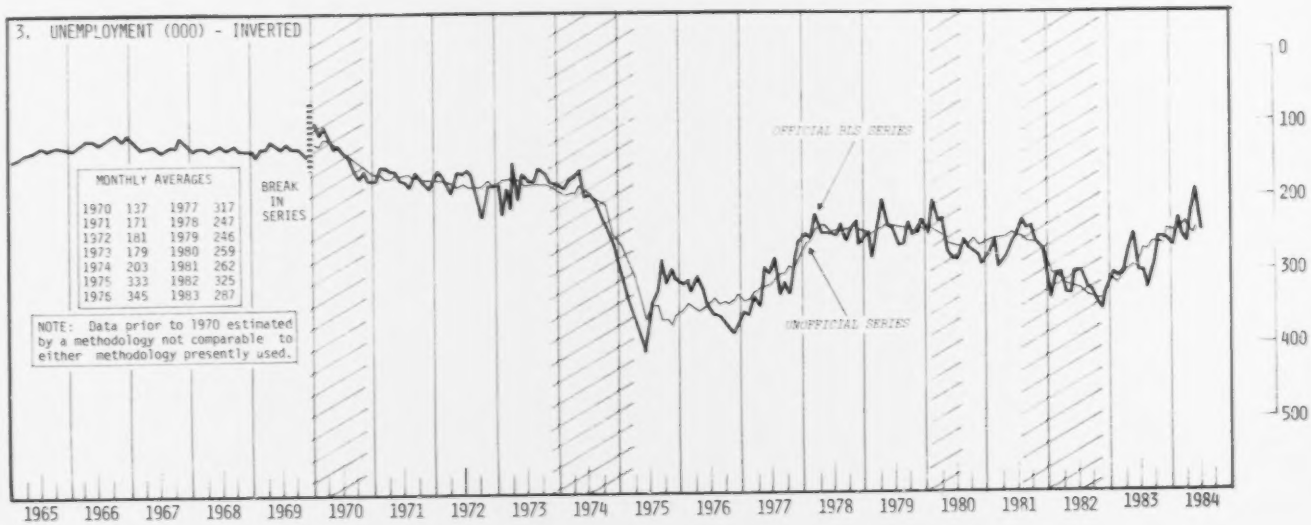



TABLE II RESIDENT LABOR FORCE INDICATORS - II

4. LABOR FORCE PARTICIPATION RATE (%) Seasonally Adjusted Data

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 64.3 | 63.8 | 63.2 | 63.7 | 62.9 | 63.5 | 65.3 | 64.5 |
| Feb | 63.8 | 63.7 | 62.6 | 63.4 | 63.1 | 63.8 | 65.9 | 65.1 |
| Mar | 64.6 | 63.5 | 63.6 | 63.3 | 62.7 | 63.7 | 66.1 | 65.3 |
| Apr | 64.5 | 63.6 | 64.0 | 63.4 | 63.5 | 63.5 | 67.9 | 66.1 |
| May | 64.0 | 63.3 | 64.0 | 63.6 | 62.5 | 63.6 | 66.7 | 66.6r |
| Jun | 63.5 | 63.3 | 63.5 | 63.6 | 63.5 | 63.6 | 65.2 | 66.7p |
| Jul | 63.1 | 63.4 | 63.7 | 63.5 | 63.6 | 63.3 | 65.7 | |
| Aug | 62.8 | 63.4 | 63.6 | 63.5 | 64.3 | 63.4 | | |
| Sep | 62.5 | 63.5 | 63.7 | 63.7 | 64.1 | 63.4 | | |
| Oct | 63.3 | 63.3 | 63.7 | 63.7 | 63.5 | 63.5 | | |
| Nov | 63.0 | 63.4 | 64.1 | 63.9 | 63.9 | 63.8 | | |
| Dec | 62.3 | 63.5 | 63.1 | 63.6 | 65.2 | 63.5 | | |

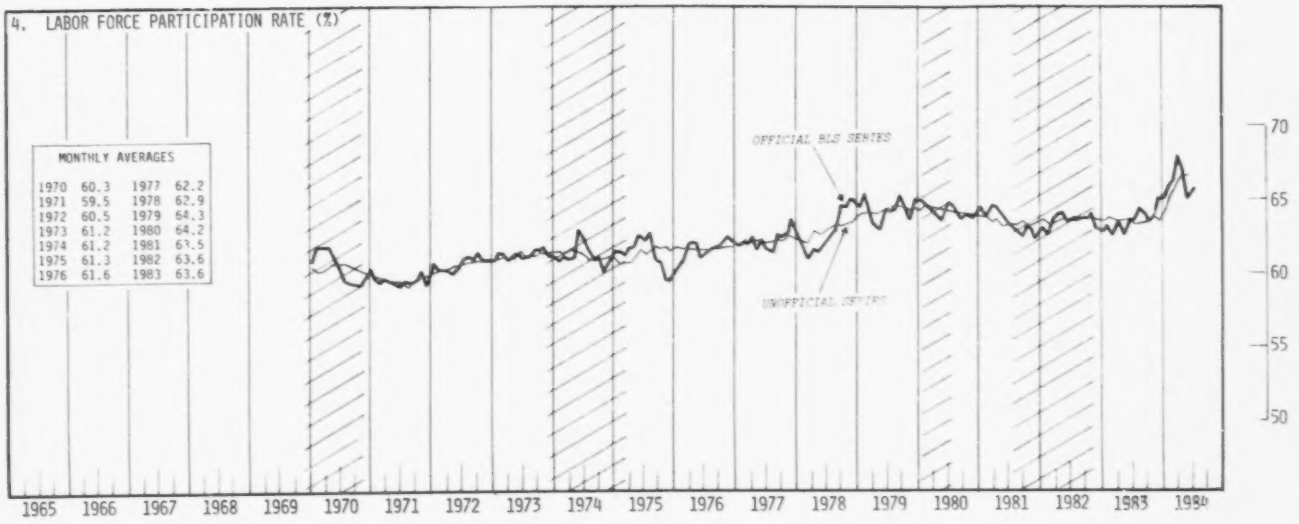
5. EMPLOYMENT/POPULATION RATIO (%) Seasonally Adjusted Data

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 59.4 | 59.1 | 57.3 | 58.2 | 57.6 | 58.0 | 60.6 | 60.2 |
| Feb | 59.2 | 59.1 | 57.1 | 58.0 | 57.7 | 58.2 | 61.9 | 60.8 |
| Mar | 59.3 | 58.9 | 58.2 | 57.8 | 57.5 | 58.2 | 61.6 | 61.1 |
| Apr | 59.4 | 59.0 | 58.1 | 57.7 | 58.6 | 58.3 | 63.3 | 61.9 |
| May | 59.3 | 58.8 | 58.2 | 57.9 | 58.1 | 58.4 | 62.8 | 62.3 |
| Jun | 58.9 | 58.8 | 58.2 | 57.9 | 58.2 | 58.5 | 61.9 | 62.4p |
| Jul | 59.0 | 58.8 | 58.4 | 57.7 | 58.3 | 58.6 | 61.5 | |
| Aug | 58.5 | 58.7 | 57.9 | 57.7 | 58.7 | 58.7 | | |
| Sep | 58.3 | 58.8 | 58.0 | 57.8 | 59.0 | 58.8 | | |
| Oct | 58.7 | 58.6 | 57.8 | 57.8 | 59.1 | 59.0 | | |
| Nov | 58.3 | 58.5 | 57.8 | 57.8 | 59.4 | 59.2 | | |
| Dec | 57.5 | 58.4 | 57.3 | 57.9 | 60.7 | 59.2 | | |

6. UNEMPLOYMENT RATE (%) Seasonally Adjusted Data

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Off. | Unoff | Off. | Unoff. | Off. | Unoff. | Off. | Unoff. |
| Jan | 7.6 | 7.3 | 9.3 | 8.5 | 8.5 | 8.7 | 7.2 | 6.6 |
| Feb | 7.2 | 7.3 | 8.8 | 8.5 | 8.6 | 8.8 | 6.2 | 6.6 |
| Mar | 8.1 | 7.2 | 8.5 | 8.7 | 8.4 | 8.5 | 6.7 | 6.5 |
| Apr | 7.8 | 7.2 | 9.1 | 8.9 | 7.7 | 8.2 | 6.8 | 6.3 |
| May | 7.4 | 7.1 | 9.1 | 9.0 | 7.0 | 8.1 | 5.7 | 6.5 |
| Jun | 7.2 | 7.1 | 8.3 | 9.0 | 8.3 | 8.1 | 5.1 | 6.4p |
| Jul | 6.5 | 7.2 | 8.3 | 9.1 | 8.3 | 7.5 | 6.5 | |
| Aug | 6.8 | 7.3 | 8.9 | 9.1 | 8.7 | 7.5 | | |
| Sep | 6.8 | 7.4 | 9.0 | 9.3 | 8.0 | 7.3 | | |
| Oct | 7.3 | 7.4 | 9.2 | 9.4 | 7.0 | 7.1 | | |
| Nov | 7.5 | 7.6 | 9.8 | 9.5 | 7.0 | 7.2 | | |
| Dec | 7.7 | 8.0 | 9.2 | 9.1 | 6.9 | 6.8 | | |

## CHART II RESIDENT LABOR FORCE INDICATORS – II



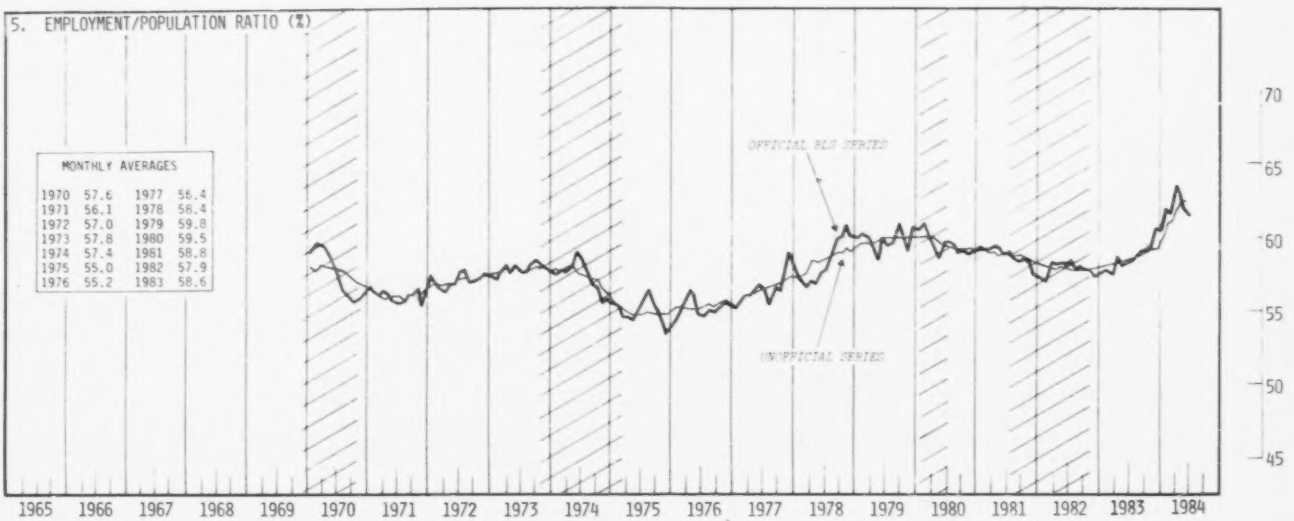



TABLE III ESTABLISHMENT EMPLOYMENT INDICATORS - I

7. NONFARM PAYROLL EMPLOYMENT (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 3018.1 | 3081.1 | 3035.7 | 3100.8 | 3037.5 | 3103.6 | 3168.8 | 3239.0 |
| Feb | 3018.6 | 3087.8 | 3020.7 | 3091.3 | 3030.5 | 3102.7 | 3170.0 | 3247.6 |
| Mar | 3044.1 | 3091.9 | 3037.2 | 3086.8 | 3061.4 | 3113.8 | 3191.8 | 3248.1 |
| Apr | 3081.4 | 3100.5 | 3064.4 | 3085.9 | 3106.0 | 3127.8 | 3231.0 | 3254.0 |
| May | 3094.8 | 3088.1 | 3092.1 | 3087.7 | 3137.7 | 3133.3 | 3260.4 | 3255.7 |
| Jun | 3147.3 | 3091.8 | 3144.4 | 3091.6 | 3200.1 | 3145.6 | 3317.5r | 3259.9r |
| Jul | 3148.2 | 3101.3 | 3134.5 | 3086.4 | 3202.8 | 3154.1 | 3312.6p | 3260.8p |
| Aug | 3146.2 | 3099.9 | 3138.5 | 3093.5 | 3191.5 | 3144.8 | | |
| Sep | 3126.5 | 3109.0 | 3113.0 | 3096.6 | 3190.7 | 3172.7 | | |
| Oct | 3120.9 | 3106.9 | 3104.5 | 3092.9 | 3199.9 | 3186.9 | | |
| Nov | 3119.6 | 3106.7 | 3102.2 | 3091.8 | 3211.1 | 3200.0 | | |
| Dec | 3111.5 | 3102.8 | 3098.9 | 3090.1 | 3216.4 | 3207.3 | | |

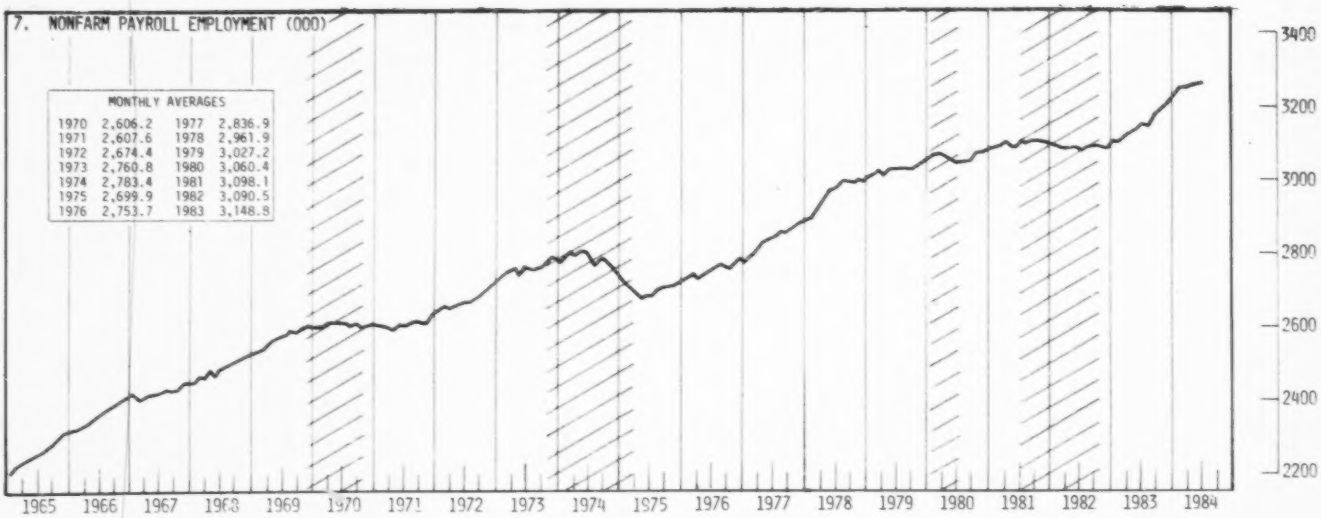
8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)

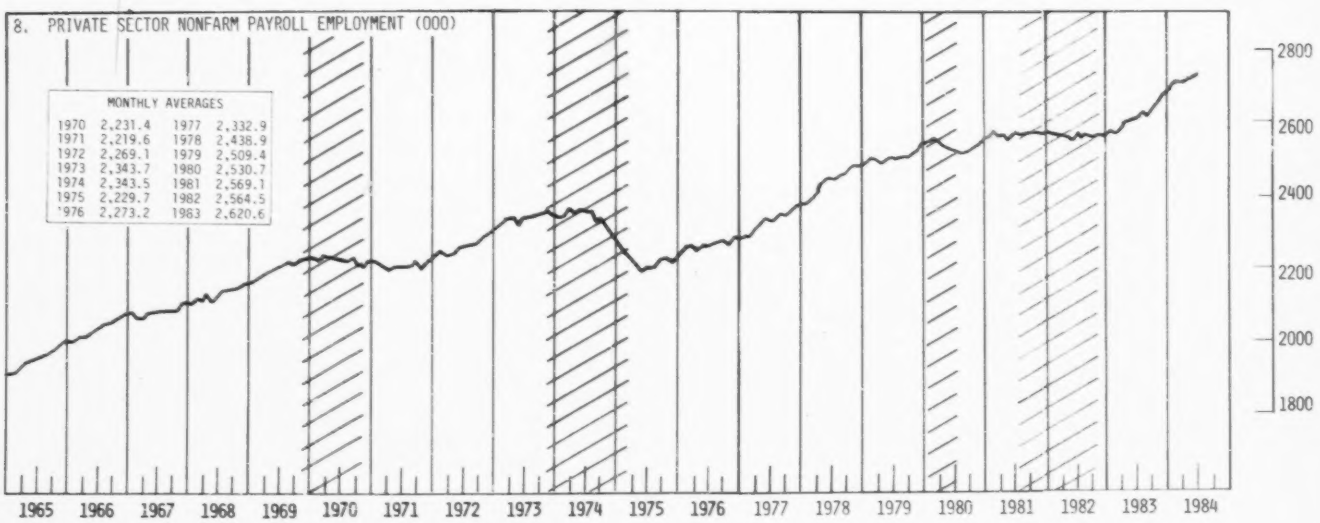
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 2488.8 | 2549.7 | 2506.0 | 2568.6 | 2515.2 | 2579.0 | 2637.4 | 2705.1 |
| Feb | 2486.6 | 2556.5 | 2496.0 | 2567.1 | 2503.4 | 2576.4 | 2634.9 | 2713.2 |
| Mar | 2509.4 | 2560.0 | 2507.9 | 2560.1 | 2533.1 | 2587.9 | 2654.3 | 2713.3 |
| Apr | 2548.9 | 2570.5 | 2535.1 | 2558.6 | 2578.8 | 2602.5 | 2694.1 | 2719.0 |
| May | 2563.8 | 2559.5 | 2560.8 | 2558.6 | 2610.5 | 2608.3 | 2725.0 | 2722.5 |
| Jun | 2615.5 | 2565.7 | 2610.2 | 2563.3 | 2666.1 | 2617.6 | 2777.8r | 2726.3r |
| Jul | 2619.8 | 2579.8 | 2606.1 | 2563.9 | 2672.4 | 2629.3 | 2782.8p | 2736.5p |
| Aug | 2624.6 | 2577.1 | 2616.8 | 2570.0 | 2666.9 | 2618.0 | | |
| Sep | 2617.5 | 2581.9 | 2605.7 | 2571.7 | 2675.5 | 2639.8 | | |
| Oct | 2594.1 | 2577.0 | 2582.8 | 2568.2 | 2669.8 | 2653.8 | | |
| Nov | 2584.5 | 2574.2 | 2575.2 | 2567.7 | 2675.2 | 2666.8 | | |
| Dec | 2575.4 | 2569.4 | 2571.4 | 2565.5 | 2680.5 | 2674.3 | | |

9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 529.3 | 531.4 | 529.7 | 532.2r | 522.3 | 524.6r | 531.4 | 533.9 |
| Feb | 532.0 | 531.3 | 524.7 | 524.2r | 527.1 | 526.3r | 535.1 | 534.4 |
| Mar | 534.7 | 531.9r | 529.3 | 526.7r | 528.3 | 525.9r | 537.5 | 534.8 |
| Apr | 532.5 | 530.0r | 529.3 | 527.3r | 527.2 | 525.3r | 536.9 | 535.0 |
| May | 531.0 | 528.6r | 531.3 | 529.1r | 527.2 | 525.0r | 535.4 | 533.2 |
| Jun | 531.8 | 526.1r | 534.2 | 528.3r | 534.0 | 528.0r | 539.7r | 533.6r |
| Jul | 528.4 | 521.5r | 528.4 | 522.5r | 530.4 | 524.8r | 529.8p | 524.3p |
| Aug | 521.6 | 522.8r | 521.7 | 523.5r | 524.6 | 526.8r | | |
| Sep | 509.0 | 527.1r | 507.3 | 524.9r | 515.2 | 532.9r | | |
| Oct | 526.8 | 529.9r | 521.7 | 524.7r | 530.7 | 533.1r | | |
| Nov | 535.1 | 532.5r | 527.0 | 524.1r | 535.9 | 533.2r | | |
| Dec | 536.1 | 533.4r | 527.5 | 524.6r | 535.9 | 533.0r | | |

## CHART III ESTABLISHMENT EMPLOYMENT INDICATORS – I



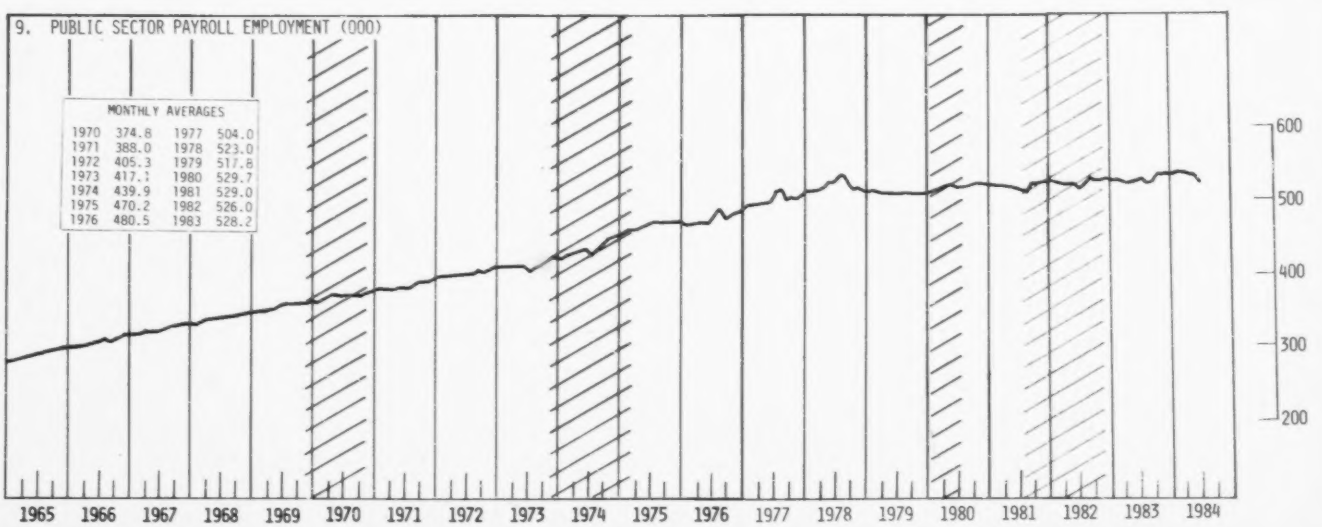



TABLE IV ESTABLISHMENT EMPLOYMENT INDICATORS - II

10. MANUFACTURING PAYROLL EMPLOYMENT (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 761.3 | 774.5 | 737.1 | 750.1 | 693.7 | 707.0 | 718.7 | 731.7 |
| Feb | 764.3 | 773.0 | 740.1 | 748.4 | 697.8 | 706.2 | 723.5 | 731.4 |
| Mar | 768.8 | 772.4 | 737.9 | 741.4 | 702.1 | 706.5 | 726.0 | 730.5 |
| Apr | 770.6 | 774.1 | 732.0 | 736.5 | 703.0 | 707.3 | 728.1 | 732.0 |
| May | 774.9 | 775.0 | 731.0 | 732.4 | 706.4 | 707.8 | 730.6 | 731.8 |
| Jun | 784.6 | 775.0 | 735.7 | 728.6 | 715.5 | 708.2 | 740.6r | 732.6r |
| Jul | 770.6 | 774.9 | 719.9 | 723.1 | 711.0 | 714.6 | 736.6p | 739.6p |
| Aug | 776.2 | 772.0 | 728.2 | 724.8 | 718.2 | 714.2 | | |
| Sep | 783.1 | 771.5 | 729.3 | 719.8 | 724.0 | 713.8 | | |
| Oct | 775.5 | 766.9 | 721.1 | 715.0 | 727.0 | 719.8 | | |
| Nov | 766.1 | 761.9 | 714.4 | 712.4 | 726.2 | 722.8 | | |
| Dec | 751.9 | 755.5 | 704.2 | 708.4 | 720.8 | 724.4 | | |

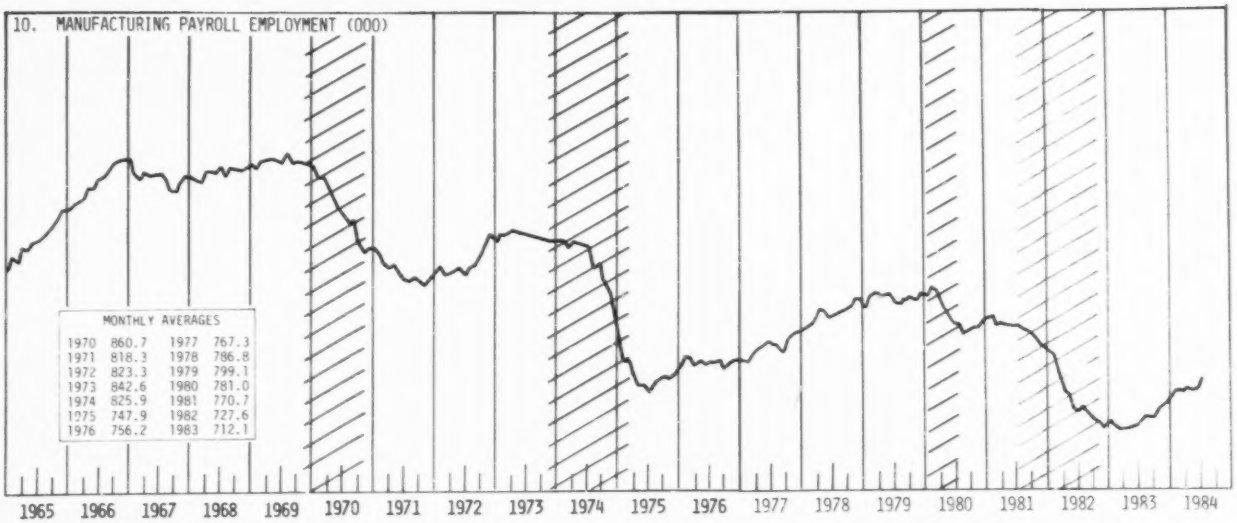
11. CONSTRUCTION PAYROLL EMPLOYMENT (000)

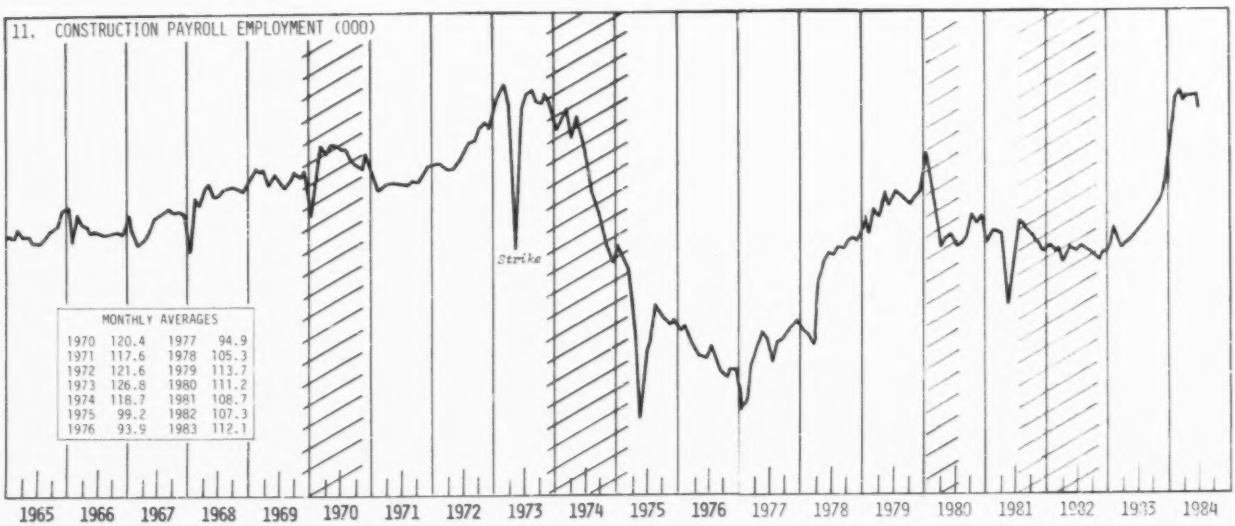
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 93.2 | 106.8 | 93.7 | 107.3 | 97.2 | 111.4 | 111.7 | 128.0 |
| Feb | 92.5 | 109.4 | 90.9 | 107.3 | 92.0 | 108.5 | 110.0 | 129.7 |
| Mar | 97.5 | 109.7 | 95.7 | 107.8 | 95.8 | 108.0 | 113.4 | 127.8 |
| Apr | 107.8 | 112.2 | 103.1 | 107.8 | 104.1 | 109.0 | 122.4 | 128.1 |
| May | 100.7 | 100.1 | 108.4 | 108.0 | 110.1 | 109.8 | 128.5 | 128.2 |
| Jun | 111.7 | 106.5 | 112.3 | 107.6 | 115.3 | 110.7 | 133.7r | 128.3r |
| Jul | 120.6 | 112.5 | 115.0 | 107.3 | 119.8 | 111.8 | 135.1p | 126.1p |
| Aug | 119.9 | 110.8 | 115.5 | 106.7 | 121.7 | 112.4 | | |
| Sep | 118.0 | 110.3 | 114.4 | 106.9 | 121.2 | 113.2 | | |
| Oct | 116.6 | 108.9 | 114.3 | 106.7 | 123.1 | 114.9 | | |
| Nov | 115.7 | 108.9 | 113.8 | 107.0 | 122.9 | 115.5 | | |
| Dec | 110.3 | 107.5 | 110.7 | 107.4 | 121.8 | 118.1 | | |

12. SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 1632.1 | 1666.0 | 1673.2 | 1709.0 | 1722.5 | 1758.7 | 1805.2 | 1843.5 |
| Feb | 1627.6 | 1671.7 | 1663.1 | 1709.3 | 1711.8 | 1759.7 | 1799.6 | 1850.1 |
| Mar | 1640.9 | 1675.5 | 1672.3 | 1708.8 | 1733.3 | 1771.4 | 1813.1 | 1853.1 |
| Apr | 1668.3 | 1682.0 | 1697.8 | 1712.1 | 1769.7 | 1784.3 | 1841.6 | 1856.9 |
| May | 1686.0 | 1682.2 | 1719.2 | 1716.0 | 1792.1 | 1788.7 | 1863.9 | 1860.5 |
| Jun | 1716.9 | 1682.0 | 1759.9 | 1724.9 | 1833.3 | 1796.8 | 1901.5r | 1863.5r |
| Jul | 1726.1 | 1690.0 | 1769.1 | 1731.4 | 1839.5 | 1800.9 | 1909.1p | 1868.9p |
| Aug | 1726.1 | 1692.0 | 1770.9 | 1736.3 | 1824.9 | 1789.5 | | |
| Sep | 1713.9 | 1697.8 | 1759.8 | 1742.9 | 1828.2 | 1810.9 | | |
| Oct | 1699.8 | 1698.9 | 1745.2 | 1744.3 | 1817.7 | 1817.1 | | |
| Nov | 1700.5 | 1701.2 | 1744.8 | 1746.1 | 1824.1 | 1826.5 | | |
| Dec | 1711.1 | 1704.3 | 1754.3 | 1747.6 | 1836.0 | 1829.8 | | |

## CHART IV ESTABLISHMENT EMPLOYMENT INDICATORS – II



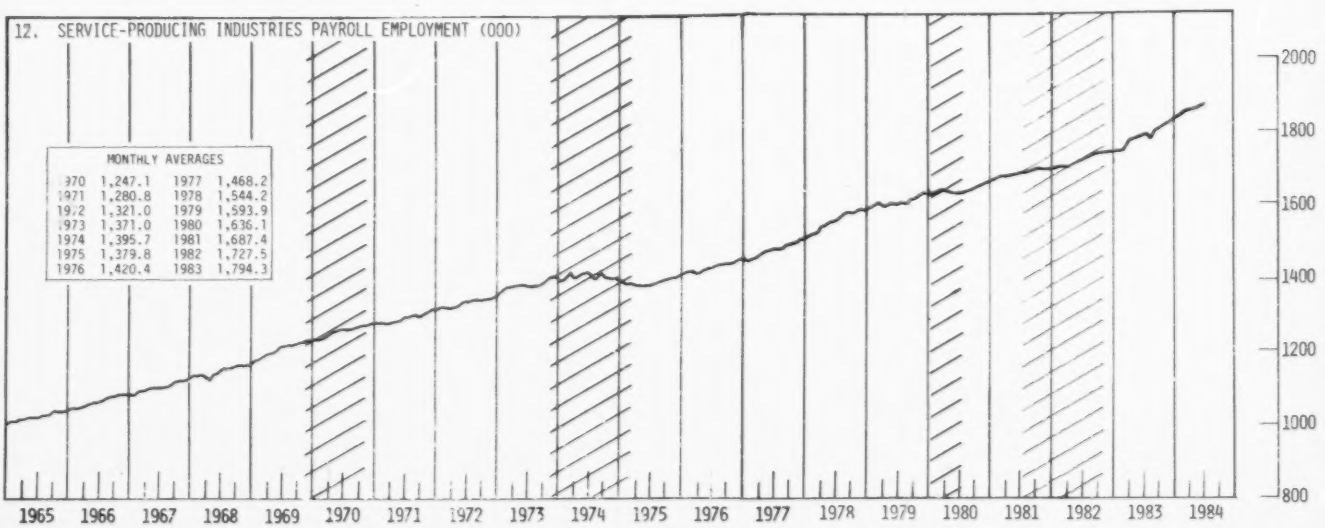



TABLE V PRODUCTION WORKERS INDICATORS

13. MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 498.8 | 507.1 | 474.3 | 482.8 | 443.7 | 451.8 | 461.1 | 469.5 |
| Feb | 500.8 | 505.5 | 475.3 | 480.1 | 447.8 | 452.3 | 463.6 | 468.3 |
| Mar | 503.5 | 505.8 | 473.4 | 476.1 | 449.7 | 452.4 | 466.5 | 469.3 |
| Apr | 503.9 | 506.8 | 468.0 | 471.1 | 450.6 | 453.6 | 466.8 | 469.9 |
| May | 506.9 | 507.2 | 468.6 | 469.2 | 452.0 | 452.6 | 468.9 | 469.6 |
| Jun | 514.9 | 508.8 | 470.3 | 465.1 | 456.4 | 451.6 | 477.8 | 472.8 |
| Jul | 502.2 | 509.4 | 457.9 | 464.0 | 453.0 | 458.8 | 471.6p | 477.7p |
| Aug | 506.6 | 506.8 | 466.4 | 466.2 | 457.5 | 457.1 | | |
| Sep | 514.3 | 503.9 | 469.4 | 459.5 | 463.7 | 453.8 | | |
| Oct | 507.5 | 499.3 | 463.0 | 455.4 | 467.4 | 459.9 | | |
| Nov | 498.4 | 493.9 | 457.4 | 453.4 | 466.3 | 462.5 | | |
| Dec | 478.9 | 480.5 | 450.3 | 452.1 | 461.1 | 463.4 | | |

14. MANUFACTURING WORKWEEK - PRODUCTION WORKERS (hours)

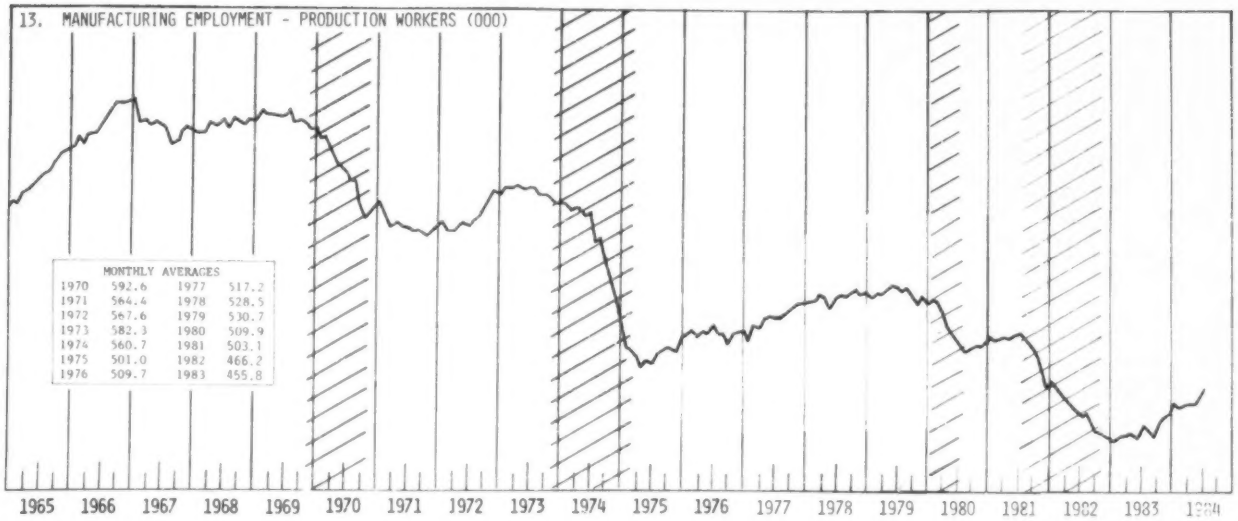
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 40.7 | 40.9 | 39.5 | 39.7 | 40.1 | 40.3 | 40.8 | 41.0 |
| Feb | 40.7 | 40.8 | 40.2 | 40.3 | 38.4 | 38.4 | 41.2 | 41.2 |
| Mar | 41.0 | 40.9 | 40.3 | 40.2 | 40.6 | 40.5 | 41.0 | 40.9 |
| Apr | 40.5 | 40.8 | 39.7 | 40.0 | 40.5 | 40.8 | 41.0 | 41.3 |
| May | 40.6 | 40.8 | 40.0 | 40.1 | 40.4 | 40.5 | 41.0 | 41.1 |
| Jun | 40.7 | 40.7 | 40.0 | 40.1 | 40.6 | 40.7 | 41.2 | 41.3 |
| Jul | 40.1 | 40.5 | 39.6 | 40.1 | 40.5 | 41.0 | 41.0p | 41.5p |
| Aug | 40.5 | 40.7 | 39.6 | 39.8 | 41.0 | 41.1 | | |
| Sep | 40.6 | 40.6 | 39.7 | 39.7 | 41.2 | 41.2 | | |
| Oct | 40.6 | 40.5 | 40.0 | 39.9 | 41.2 | 41.1 | | |
| Nov | 40.8 | 40.4 | 40.2 | 39.8 | 41.5 | 41.1 | | |
| Dec | 41.0 | 40.4 | 40.4 | 39.8 | 41.6 | 41.0 | | |

15. AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 20,301 | 20,740 | 18,735 | 19,167 | 17,792 | 18,208 | 18,813 | 19,250 |
| Feb | 20,383 | 20,624 | 19,107 | 19,348 | 17,196 | 17,368 | 19,100 | 19,294 |
| Mar | 20,644 | 20,687 | 19,078 | 19,139 | 18,258 | 18,322 | 19,127 | 19,194 |
| Apr | 20,408 | 20,677 | 18,580 | 18,844 | 18,249 | 18,507 | 19,139 | 19,407 |
| May | 20,580 | 20,694 | 18,744 | 18,815 | 18,261 | 18,330 | 19,225 | 19,301 |
| Jun | 20,956 | 20,708 | 18,812 | 18,651 | 18,530 | 18,380 | 19,685 | 19,527 |
| Jul | 20,138 | 20,631 | 18,133 | 18,606 | 18,347 | 18,811 | 19,336 | 19,825 |
| Aug | 20,517 | 20,627 | 18,469 | 18,555 | 18,758 | 18,787 | | |
| Sep | 20,881 | 20,458 | 18,635 | 18,242 | 19.104 | 18,697 | | |
| Oct | 20,605 | 20,222 | 18,520 | 18,171 | 19,257 | 18,902 | | |
| Nov | 20,335 | 19,954 | 18,387 | 18,045 | 19,351 | 19,009 | | |
| Dec | 19,635 | 19,412 | 18,192 | 17,994 | 19,182 | 18,999 | | |

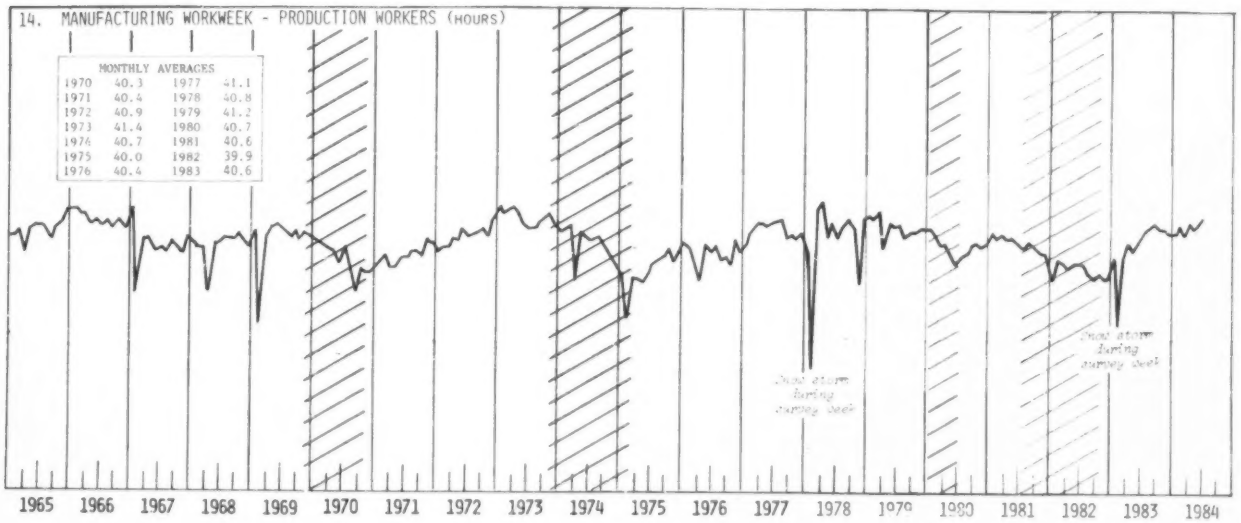
# CHART V PRODUCTION WORKER INDICATORS

13. MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS (000)



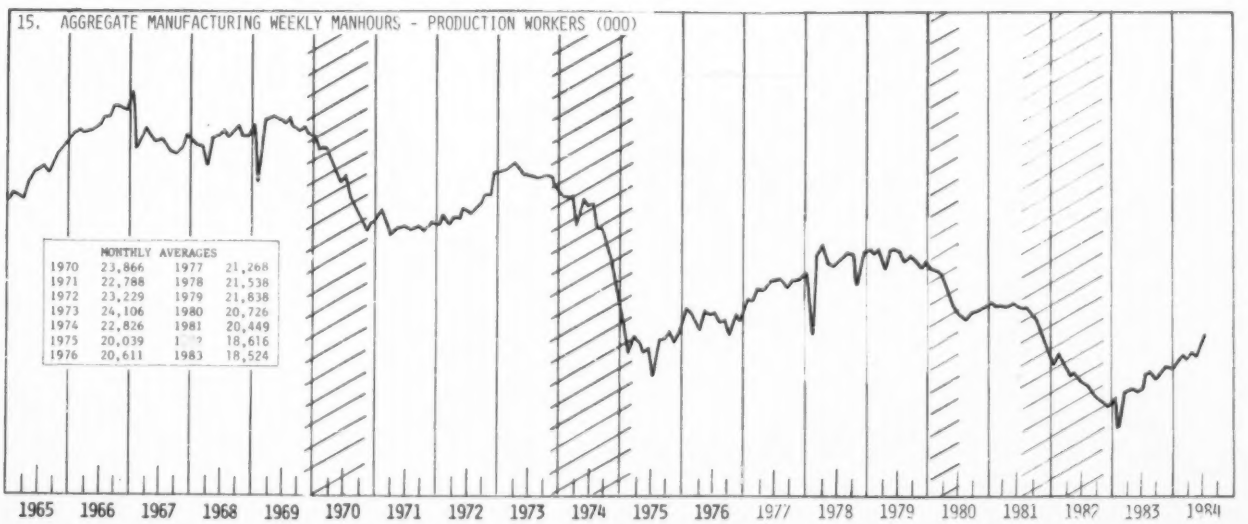

| MONTHLY AVERAGES | | | |
|---|---|---|---|
| 1970 | 592.6 | 1977 | 517.2 |
| 1971 | 564.4 | 1978 | 528.5 |
| 1972 | 567.6 | 1979 | 530.7 |
| 1973 | 582.3 | 1980 | 509.9 |
| 1974 | 560.7 | 1981 | 503.1 |
| 1975 | 501.0 | 1982 | 466.2 |
| 1976 | 509.7 | 1983 | 455.8 |

14. MANUFACTURING WORKWEEK - PRODUCTION WORKERS (HOURS)




| MONTHLY AVERAGES | | | |
|---|---|---|---|
| 1970 | 40.3 | 1977 | 41.1 |
| 1971 | 40.4 | 1978 | 40.8 |
| 1972 | 40.9 | 1979 | 41.2 |
| 1973 | 41.4 | 1980 | 40.7 |
| 1974 | 40.7 | 1981 | 40.6 |
| 1975 | 40.0 | 1982 | 39.9 |
| 1976 | 40.4 | 1983 | 40.6 |

15. AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS (000)




| MONTHLY AVERAGES | | | |
|---|---|---|---|
| 1970 | 23,866 | 1977 | 21,268 |
| 1971 | 22,788 | 1978 | 21,538 |
| 1972 | 23,229 | 1979 | 21,838 |
| 1973 | 24,106 | 1980 | 20,726 |
| 1974 | 22,826 | 1981 | 20,449 |
| 1975 | 20,039 | 1982 | 18,616 |
| 1976 | 20,611 | 1983 | 18,524 |

## TABLE VI EARNINGS AND PRICE INDICATORS

### 16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($)

| Date | 1981 Unadjusted | 1982 Unadjusted | 1983 Unadjusted | 1984 Unadjusted |
|---|---|---|---|---|
| Jan | 319.09 | 335.75 | 358.90 | 381.07 |
| Feb | 319.09 | 340.90 | 346.37 | 383.57 |
| Mar | 321.85 | 342.95 | 366.62 | 381.71 |
| Apr | 321.16 | 340.63 | 365.53 | 383.35 |
| May | 323.58 | 344.80 | 366.02 | 382.94 |
| Jun | 326.01 | 343.60 | 368.24 | 383.98 |
| Jul | 323.61 | 342.54 | 370.17 | 382.94 |
| Aug | 326.83 | 344.12 | 373.51 | |
| Sep | 332.11 | 346.98 | 376.98 | |
| Oct | 333.33 | 351.20 | 378.22 | |
| Nov | 335.78 | 356.17 | 382.63 | |
| Dec | 343.58 | 359.16 | 387.30 | |

### 17. CPI FOR URBAN WAGE EARNERS AND CLERICAL WORKERS (UNADJUSTED INDEX 1967=100)

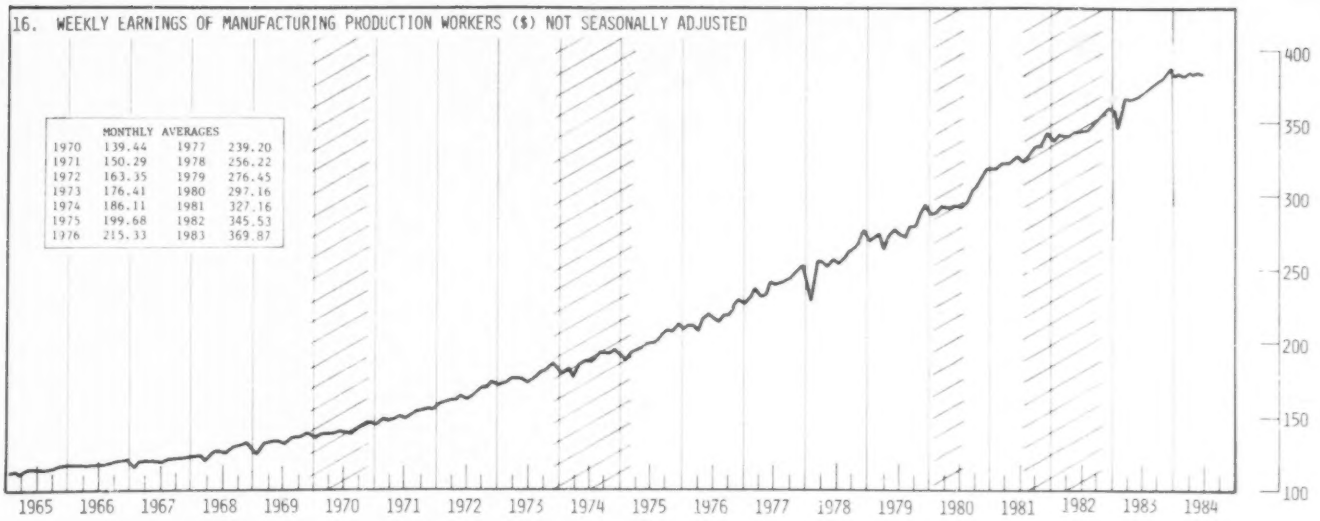
| Date | 1981 | | | 1982 | | | 1983 | | | 1984 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | U.S. | N.Y. | Phila. | U.S. | N.Y. | Phila. | U.S. | N.Y. | Phila. | U.S. | N.Y. | Phila. |
| Jan | 206.7 | 249.1 | 255.5 | 282.1 | 267.5 | 275.1 | 292.1 | 280.8 | 282.5 | 302.7 | 290.2 | 296.7 |
| Feb | 263.5 | 252.7 | 258.1 | 282.9 | 267.8 | 275.1 | 292.3 | 279.6 | 283.3 | 303.3 | 290.5 | 298.5 |
| Mar | 265.2 | 253.7 | 259.5 | 282.5 | 265.9 | 274.3 | 293.0 | 280.3 | 285.5 | 303.3 | 289.9 | 298.8 |
| Apr | 266.8 | 254.8 | 261.5 | 283.7 | 266.5 | 274.5 | 294.9 | 282.2 | 286.8 | 304.1 | 291.2 | 299.0 |
| May | 269.1 | 255.9 | 262.9 | 286.5 | 269.4 | 274.7 | 296.3 | 283.8 | 286.5 | 305.4 | 291.6 | 300.5 |
| Jun | 271.4 | 257.9 | 265.6 | 290.1 | 275.3 | 279.1 | 297.2 | 285.9 | 288.7 | 306.2 | 293.0 | 302.7 |
| Jul | 274.6 | 262.3 | 268.5 | 291.8 | 276.1 | 280.9 | 298.2 | 286.1 | 291.1 | 307.5 | 294.7 | 304.3 |
| Aug | 276.5 | 264.0 | 271.6 | 292.4 | 277.1 | 280.7 | 299.5 | 288.4 | 293.3 | | | |
| Sep | 279.1 | 267.8 | 274.5 | 292.8 | 278.9 | 282.1 | 300.8 | 288.1 | 294.2 | | | |
| Oct | 279.7 | 267.0 | 275.2 | 293.6 | 282.7 | 281.2 | 301.3 | 288.7 | 294.2 | | | |
| Nov | 280.4 | 266.9 | 274.5 | 293.2 | 281.9 | 282.0 | 301.4 | 287.3 | 294.8 | | | |
| Dec | 281.1 | 266.9 | 274.1 | 292.0 | 280.3 | 281.0 | 301.5 | 288.2 | 294.3 | | | |

### 18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS IN 1967 DOLLARS (UNADJUSTED)

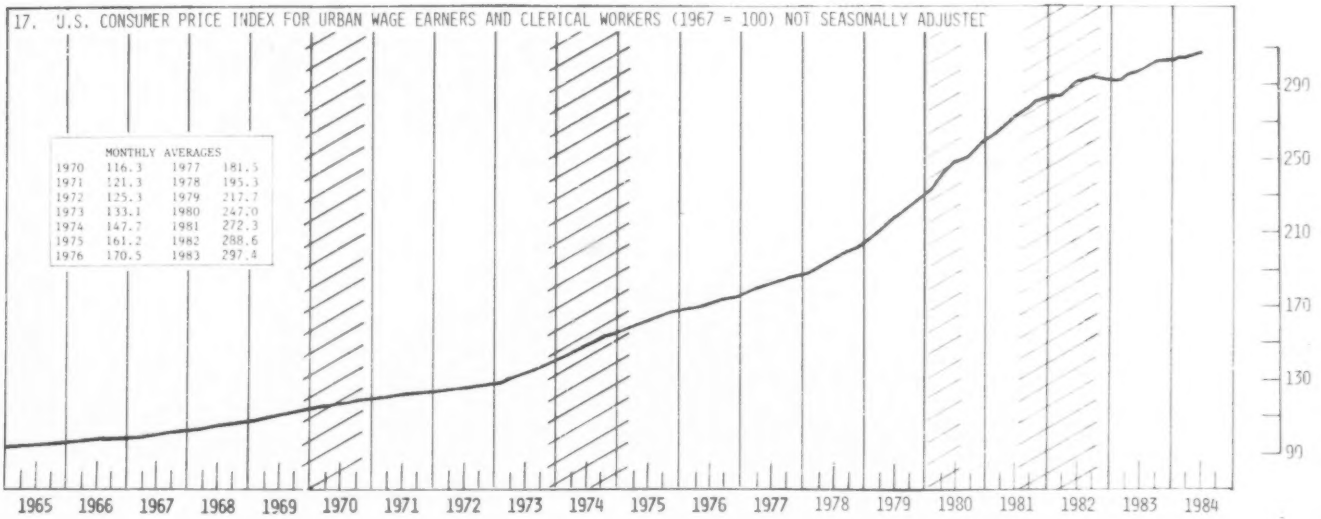
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Single | 3 Dep. | Single | 3 Dep. | Single | 3 Dep | Single | 3 Dep. |
| Jan | 93.90 | 103.76 | 92.06 | 101.31 | 95.04 | 104.26 | 98.14 | 106.55 |
| Feb | 92.76 | 102.50 | 93.18 | 102.59 | 92.25 | 101.12 | 98.34 | 106.81 |
| Mar | 92.99 | 102.78 | 94.14 | 103.67 | 96.39 | 105.79 | 97.98 | 106.38 |
| Apr | 92.25 | 101.96 | 93.46 | 102.90 | 95.61 | 104.92 | 98.09 | 106.54 |
| May | 92.39 | 102.14 | 93.87 | 103.39 | 95.48 | 104.79 | 97.67 | 106.08 |
| Jun | 92.12 | 101.86 | 91.88 | 101.18 | 95.28 | 104.58 | 97.30 | 105.70 |
| Jul | 90.31 | 99.84 | 92.39 | 101.25 | 97.47 | 105.60 | 96.56 | 104.87 |
| Aug | 90.24 | 99.79 | 92.63 | 101.52 | 97.42 | 105.62 | | |
| Sep | 90.30 | 99.91 | 92.76 | 101.68 | 98.08 | 106.40 | | |
| Oct | 91.67 | 100.86 | 93.23 | 102.22 | 98.25 | 106.60 | | |
| Nov | 92.38 | 101.66 | 94.36 | 103.49 | 99.34 | 107.88 | | |
| Dec | 94.26 | 103.80 | 95.48 | 104.74 | 100.28 | 108.97 | | |

# CHART VI EARNINGS AND PRICE INDICATORS

16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($) NOT SEASONALLY ADJUSTED




17. U.S. CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS (1967 = 100) NOT SEASONALLY ADJUSTED




18 SET A MALE WEEKLY EARNINGS OF MANUFACTURING WORKERS WITH THREE DEPENDENTS IN 1967 DOLLARS (UNADJUSTED)

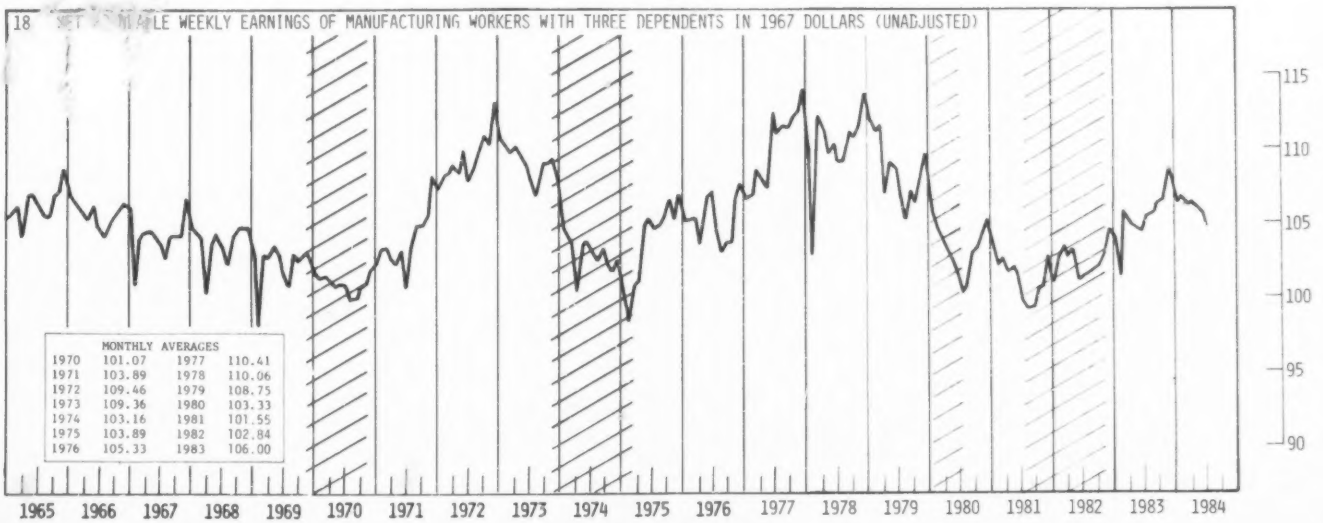


TABLE VII GENERAL BUSINESS INDICATORS

19. NEW BUSINESS INCORPORATIONS (number)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 1942 | 1892 | 1746 | 1739 | 2131 | 2114 | 2444 | 2362 |
| Feb | 1870 | 2013 | 1695 | 1806 | 1978 | 2084 | 2289 | 2255 |
| Mar | 2236 | 1898 | 2273 | 1811 | 2615 | 2046 | 2445 | 2031 |
| Apr | 2405 | 2158 | 1792 | 1658 | 2229 | 2099 | 2176 | 2072 |
| May | 2410 | 2303 | 1884 | 1778 | 1788 | 1627 | | |
| Jun | 2026 | 2029 | 1984 | 1949 | 1833 | 1810 | | |
| Jul | 1903 | 1887 | 1752 | 1824 | 2201 | 2373 | | |
| Aug | 1838 | 2002 | 1693 | 1777 | 2925 | 2898 | | |
| Sep | 1904 | 1913 | 1841 | 1829 | 2068 | 2132 | | |
| Oct | 2000 | 1900 | 1808 | 1720 | 2201 | 2079 | | |
| Nov | 1749 | 1966 | 1670 | 1795 | 2098 | 2161 | | |
| Dec | 1830 | 2328 | 2263 | 3345 | 2148 | 3322 | | |

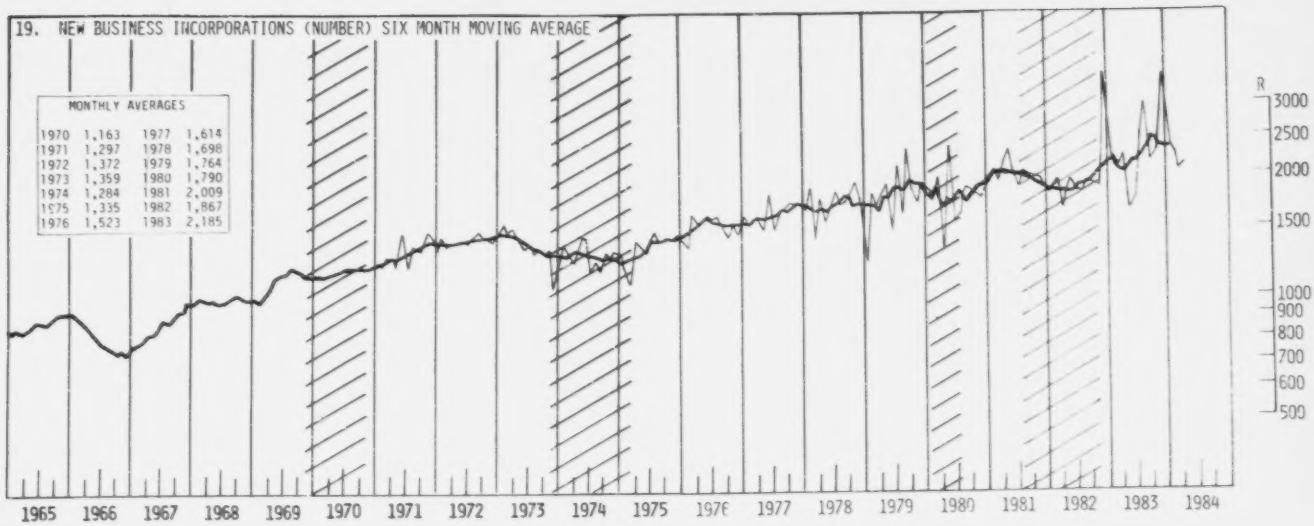
20. BUSINESS FAILURES (number)

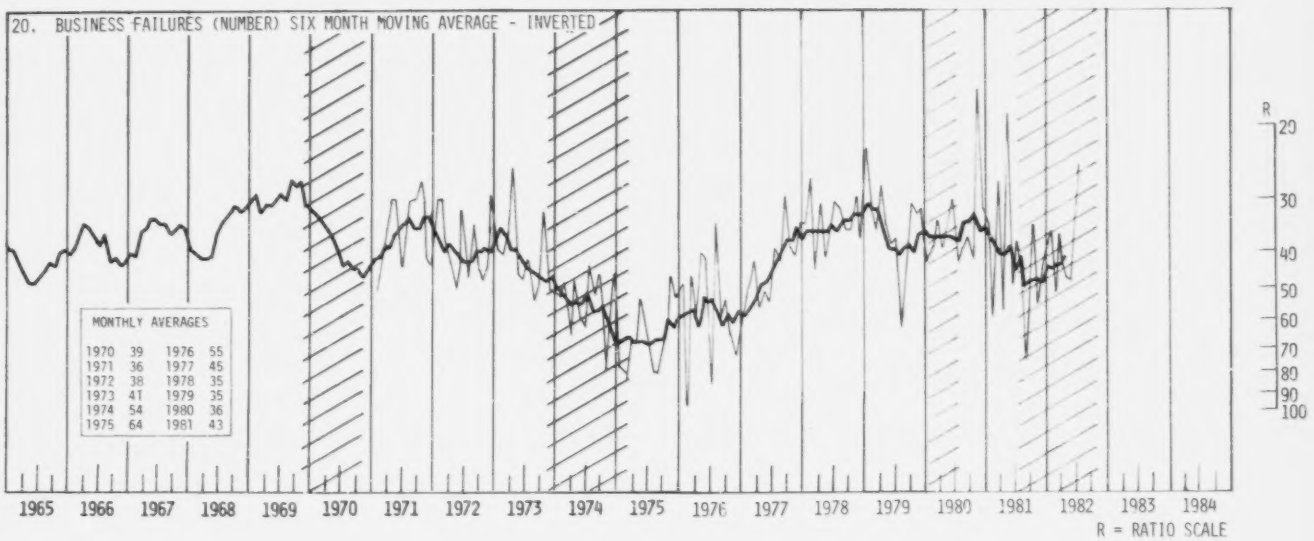
| Date | 1980 | | 1981 | | 1982 | | 1983 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 43 | 46 | 33 | 38 | 34 | 39 | | |
| Feb | 29 | 37 | 42 | 53 | 37 | 47 | | |
| Mar | 37 | 36 | 31 | 32 | 42 | 41 | | |
| Apr | 42 | 38 | 58 | 50 | 46 | 42 | | |
| May | 42 | 34 | 21 | 18 | 57 | 47 | | |
| Jun | 30 | 28 | 51 | 48 | 53 | 49 | | |
| Jul | 40 | 43 | 35 | 37 | 23 | 25 | | |
| Aug | 46 | 39 | 54 | 45 | | | | |
| Sep | 30 | 34 | 64 | 67 | | | | |
| Oct | 49 | 48 | 39 | 41 | | | | |
| Nov | 11 | 12 | 50 | 54 | | | | |
| Dec | 31 | 32 | 43 | 44 | | | | |

NOTE TO THE READER

Effective January 1, 1983, New Jersey Bell does not offer the leasing of new telephones as a service. New business telephones are being purchased through many outside suppliers including AT&T Communications, an AT&T subsidiary. Since business customers are purchasing telephones outright, there are no records as to the number of telephones in service. For this reason, this data series no longer reflects general business activity and, therefore, is being discontinued. A new data series will appear in its place.

# CHART VII GENERAL BUSINESS INDICATORS




NOTE TO THE READER

Effective January 1, 1983, New Jersey Bell does not offer the leasing of new telephones as a service. New business telephones are being purchased through many outside suppliers including AT&T Communications, an AT&T subsidiary. Since business customers are purchasing telephones outright, there are no records as to the number of telephones in service. For this reason, this data series no longer reflects general business activity and, therefore, is being discontinued. A new data series will appear in its place.

# TABLE VIII CONSTRUCTION CONTRACTS INDICATORS

## 22. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 227.6 | 254.9 | 183.1 | 202.0 | 348.9 | 381.9 | 459.0 | 502.4 |
| Feb | 185.7 | 291.3 | 184.2 | 280.5 | 266.8 | 399.5 | 363.5 | 544.3 |
| Mar | 207.5 | 235.7 | 311.0 | 354.4 | 373.7 | 427.4 | 590.4 | 675.2 |
| Apr | 307.1 | 295.8 | 263.0 | 251.8 | 521.9 | 497.3 | 448.1 | 427.0 |
| May | 264.2 | 238.4 | 375.6 | 348.6 | 414.2 | 386.7 | 534.1 | 498.5 |
| Jun | 311.7 | 249.5 | 420.8 | 331.2 | 764.5 | 603.7 | 595.6 | 470.3 |
| Jul | 312.4 | 305.4 | 288.1 | 277.2 | 524.5r | 501.5r | 515.2 | 492.7 |
| Aug | 344.6 | 278.4 | 453.8 | 367.5 | 497.9 | 406.3 | | |
| Sep | 424.0 | 403.1 | 322.0 | 303.0 | 534.8 | 499.3 | | |
| Oct | 327.7 | 324.5 | 271.0 | 278.6 | 428.4 | 447.7 | | |
| Nov | 335.5 | 332.3 | 341.2 | 339.3 | 510.7 | 504.0 | | |
| Dec | 298.2 | 356.6 | 292.0 | 347.8 | 395.4 | 468.7 | | |

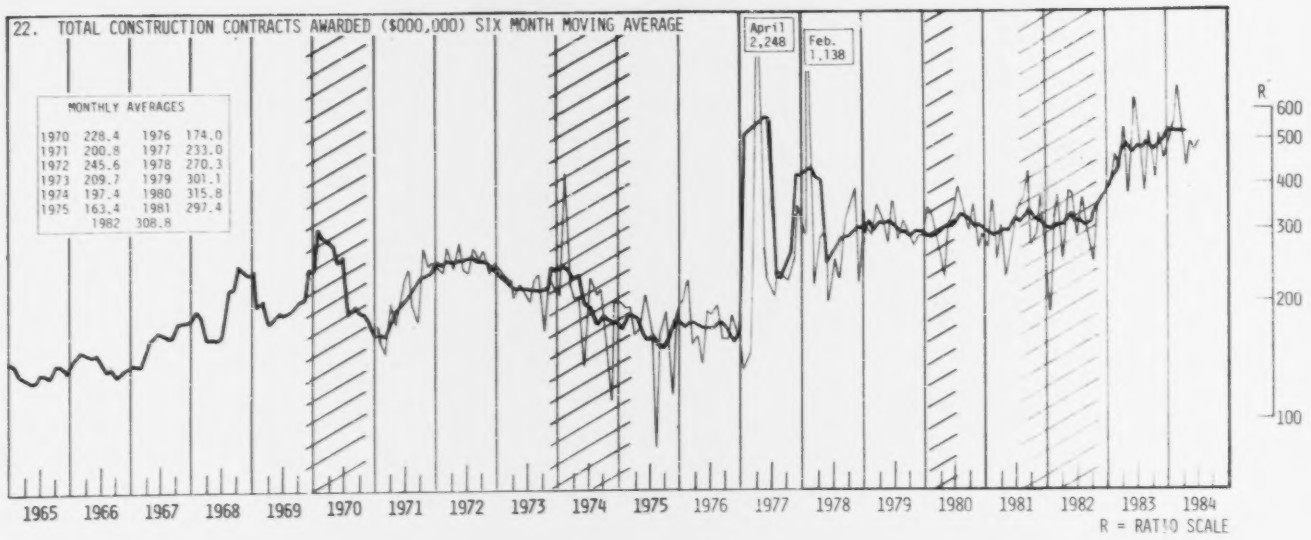
## 23. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

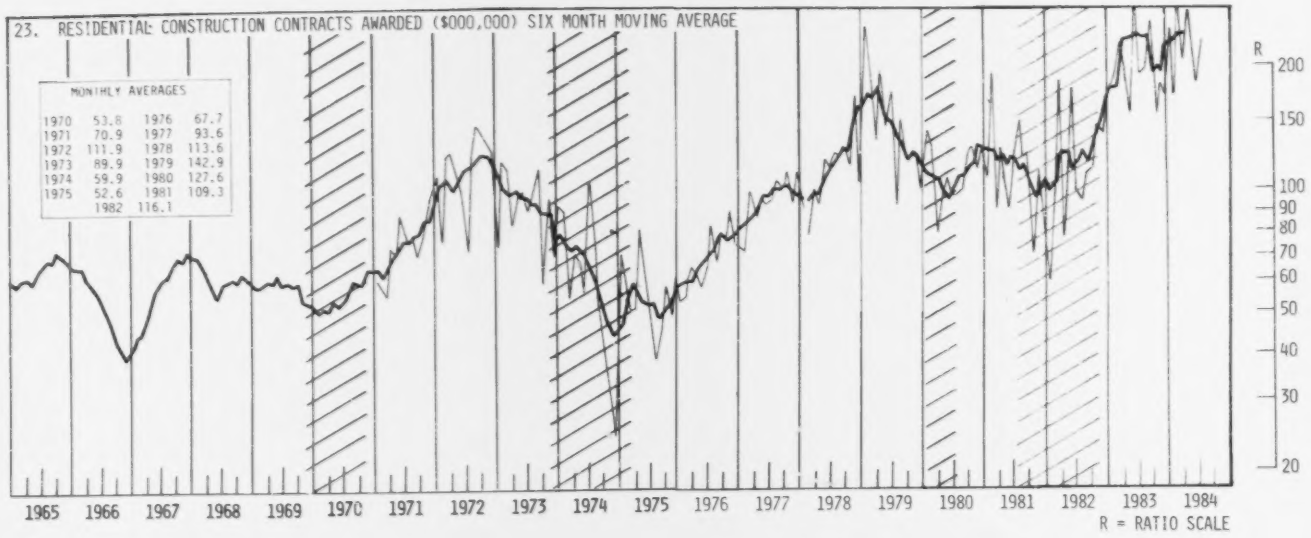
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 78.4 | 110.5 | 59.7 | 82.7 | 174.7 | 242.7 | 174.3 | 242.2 |
| Feb | 89.7 | 162.4 | 42.8 | 75.8 | 132.5 | 234.0 | 95.8 | 169.2 |
| Mar | 76.4 | 100.2 | 131.4 | 173.7 | 177.1 | 232.8 | 296.8 | 390.2 |
| Apr | 134.5 | 128.8 | 83.3 | 80.8 | 210.3 | 207.1 | 206.9 | 203.8 |
| May | 118.8 | 110.2 | 121.5 | 115.3 | 177.1 | 168.7 | 290.9 | 277.1 |
| Jun | 102.3 | 72.0 | 200.6 | 136.2 | 520.9 | 347.4 | 267.5 | 178.4 |
| Jul | 131.0 | 129.3 | 105.3 | 105.2 | 198.9 | 197.0r | 231.5 | 229.3 |
| Aug | 137.3 | 103.5 | 134.3 | 102.0 | 276.3 | 213.0 | | |
| Sep | 128.5 | 115.2 | 117.6 | 101.9 | 289.8 | 248.0 | | |
| Oct | 124.4 | 126.1 | 107.8 | 111.1 | 166.6 | 173.4 | | |
| Nov | 75.5 | 72.2 | 161.3 | 157.5 | 201.0 | 198.0 | | |
| Dec | 106.8 | 114.8 | 127.5 | 136.8 | 174.9 | 186.5 | | |

## 24. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 111.8 | 110.6 | 103.5 | 99.5 | 141.6 | 133.1 | 236.8 | 222.5 |
| Feb | 70.4 | 111.3 | 92.6 | 138.4 | 103.0 | 150.4 | 189.8 | 276.9 |
| Mar | 93.5 | 103.5 | 128.9 | 142.9 | 162.7 | 180.9 | 247.7 | 275.3 |
| Apr | 95.2 | 97.2 | 135.3 | 139.4 | 203.5 | 208.8 | 185.4 | 190.2 |
| May | 109.9 | 99.8 | 90.7 | 84.7 | 189.7 | 181.0 | 184.4 | 176.0 |
| Jun | 154.4 | 130.4 | 164.3 | 136.1 | 192.0 | 158.3 | 246.1 | 202.9 |
| Jul | 137.8 | 137.3 | 112.4 | 114.6 | 184.1r | 192.4r | 200.7 | 209.7 |
| Aug | 169.9 | 150.6 | 230.7 | 207.0 | 151.3 | 136.9 | | |
| Sep | 173.2 | 156.6 | 147.1 | 135.9 | 187.0 | 172.2 | | |
| Oct | 181.6 | 160.4 | 114.8 | 105.1 | 170.5 | 159.4 | | |
| Nov | 172.8 | 167.3 | 154.8 | 143.3 | 265.0 | 237.7 | | |
| Dec | 123.2 | 161.6 | 118.0 | 151.4 | 165.9 | 210.8 | | |

# CHART VIII CONSTRUCTION CONTRACTS INDICATORS



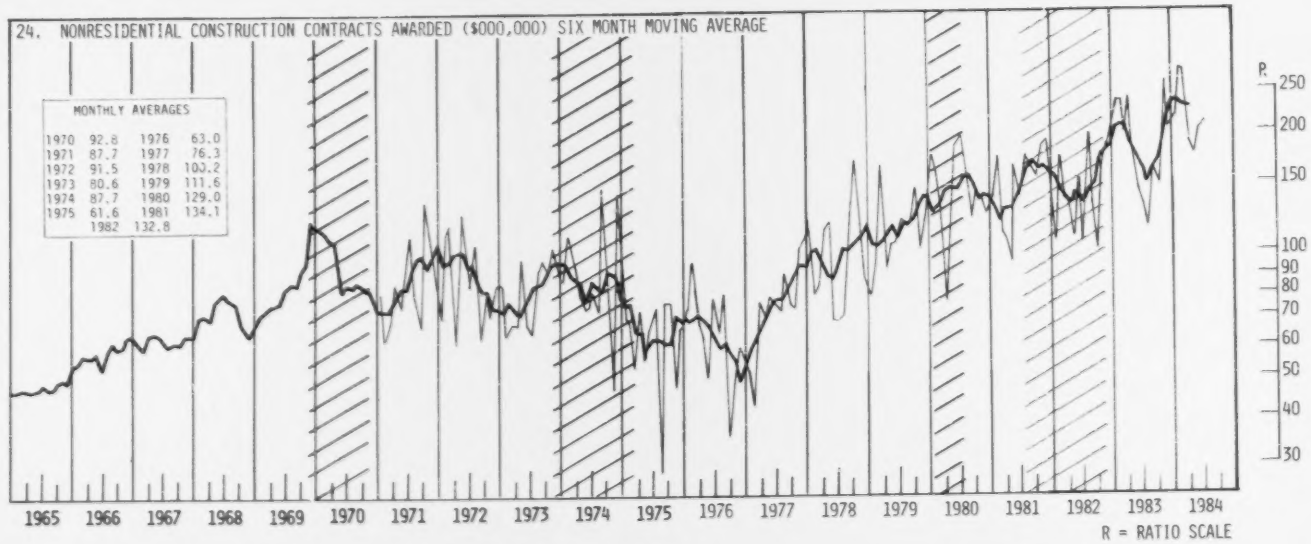



TABLE IX RESIDENTIAL BUILDING PERMITS INDICATORS

25. DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (number)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 676 | 1419 | 634 | 1363 | 1120 | 2392 | 1322 | 2741 |
| Feb | 1292 | 2397 | 521 | 955 | 2240 | 4071 | 1607 | 2723 |
| Mar | 1454 | 1688 | 1694 | 1946 | 1824 | 2053 | 2277 | 2786 |
| Apr | 1668 | 1758 | 1208 | 1338 | 2341 | 2698 | 1998 | 2153 |
| May | 1585 | 1698 | 1145 | 1223 | 2690 | 2807 | 3959 | 3959 |
| Jun | 1967 | 1580 | 1924 | 1519 | 2805 | 2177 | 2983 | 2587 |
| Jul | 2474 | 2056 | 1237 | 1069 | 3512 | 3018 | | |
| Aug | 1645 | 1456 | 1818 | 1528 | 3583 | 2928 | | |
| Sep | 1562 | 1247 | 1880 | 1486 | 3317 | 2833 | | |
| Oct | 1891 | 1431 | 2829 | 2114 | 2941 | 2134 | | |
| Nov | 1066 | 1047 | 2005 | 2072 | 2480 | 2506 | | |
| Dec | 1551 | 1406 | 2174 | 2015 | 2944 | 2922 | | |

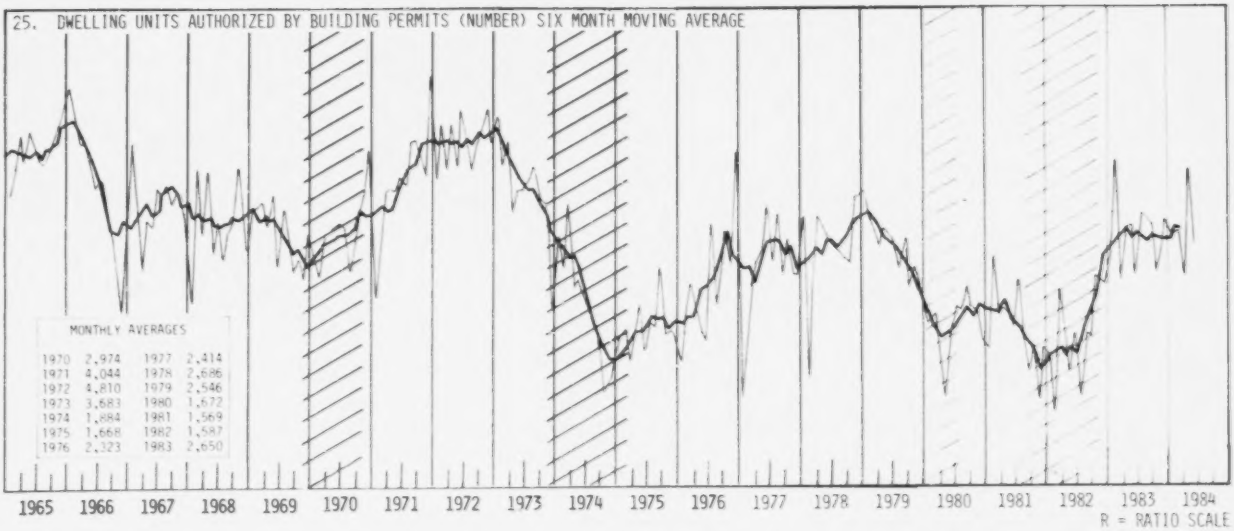
26. DWELLING UNITS (SINGLE) AUTHORIZED BY BUILDING PERMITS (number)

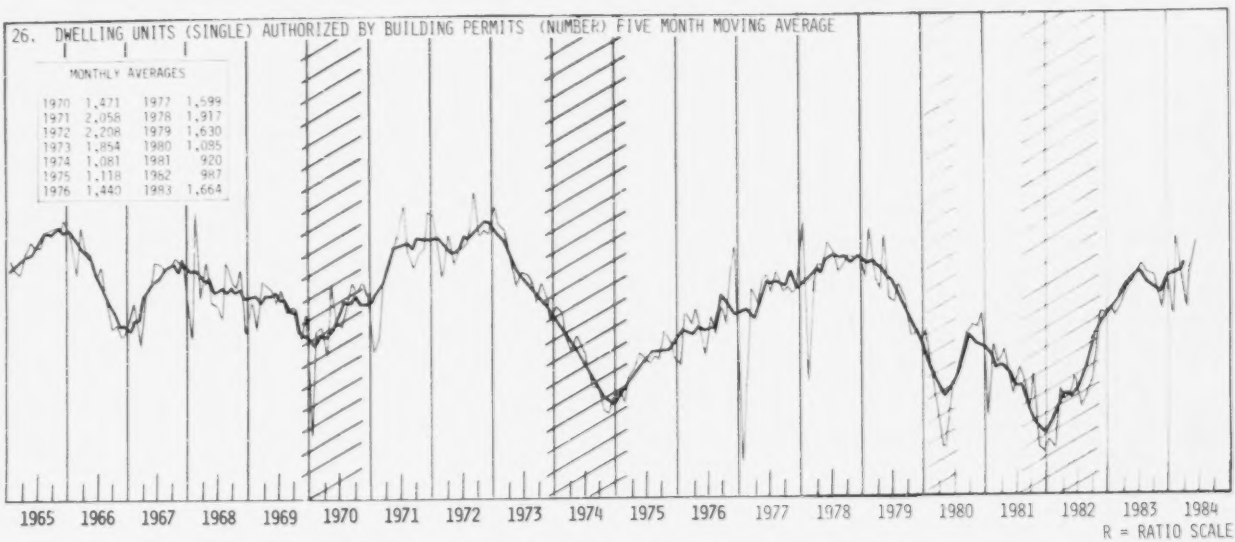
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 467 | 796 | 383 | 687 | 842 | 1453 | 827 | 1387 |
| Feb | 574 | 1166 | 311 | 658 | 642 | 1390 | 1005 | 2114 |
| Mar | 940 | 1055 | 834 | 912 | 1360 | 1477 | 1604 | 1800 |
| Apr | 1281 | 1145 | 968 | 863 | 1679 | 1540 | 1610 | 1453 |
| May | 1029 | 984 | 943 | 879 | 1851 | 1688 | 2053 | 1823 |
| Jun | 1018 | 894 | 1077 | 977 | 1954 | 1750 | 2267 | 2122 |
| Jul | 1150 | 1030 | 915 | 817 | 1981 | 1862 | | |
| Aug | 1071 | 904 | 1047 | 866 | 2177 | 1779 | | |
| Sep | 1018 | 824 | 1180 | 949 | 2158 | 1757 | | |
| Oct | 1161 | 988 | 1265 | 1132 | 1907 | 1637 | | |
| Nov | 690 | 656 | 1550 | 1414 | 1539 | 1445 | | |
| Dec | 638 | 641 | 1376 | 1407 | 1876 | 1731 | | |

27. DWELLING UNITS (5 OR MORE) AUTHORIZED BY BUILDING PERMITS (number)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 119 | 363 | 215 | 629 | 178 | 503 | 374 | 1049 |
| Feb | 644 | 1945 | 169 | 436 | 1550 | 3698 | 421 | 899 |
| Mar | 416 | 514 | 772 | 970 | 280 | 343 | 455 | 612 |
| Apr | 160 | 263 | 155 | 275 | 494 | 887 | 266 | 468 |
| May | 324 | 503 | 169 | 257 | 640 | 925 | 1794 | 2497 |
| Jun | 843 | 493 | 733 | 450 | 565 | 356 | 533 | 357 |
| Jul | 898 | 636 | 268 | 177 | 1395 | 914 | | |
| Aug | 337 | 299 | 690 | 556 | 1224 | 937 | | |
| Sep | 336 | 271 | 557 | 457 | 986 | 854 | | |
| Oct | 507 | 327 | 1363 | 857 | 893 | 553 | | |
| Nov | 248 | 279 | 285 | 381 | 759 | 1122 | | |
| Dec | 792 | 604 | 594 | 479 | 904 | 800 | | |

# CHART IX RESIDENTIAL BUILDING PERMITS INDICATORS



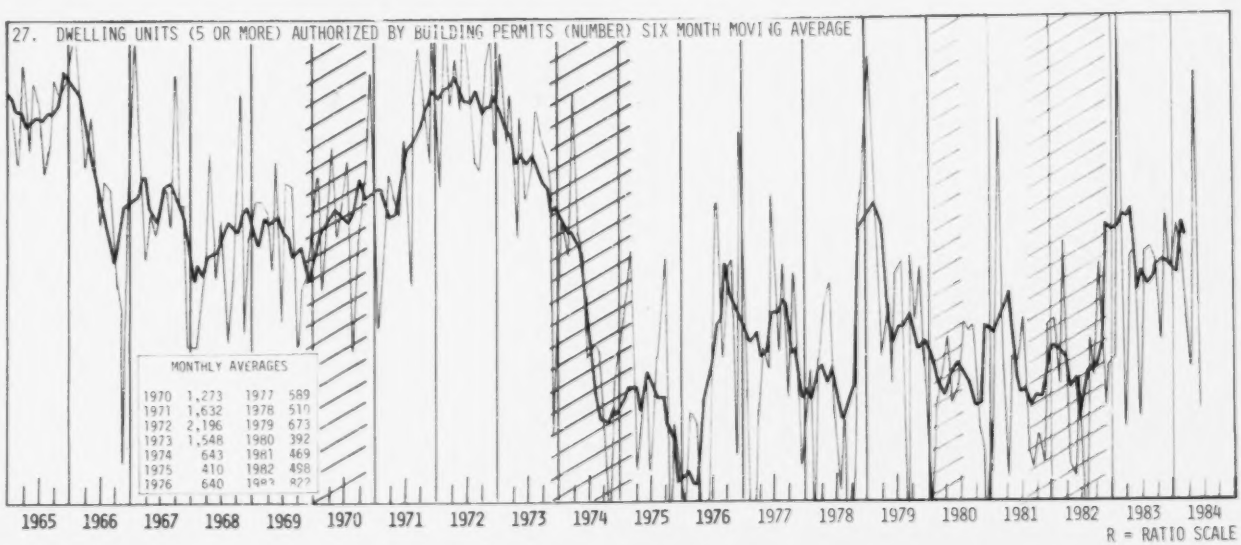



TABLE X TRADE INDICATORS

28. SALES OF RETAIL STORES ($000,000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 2,775 | 2,934 | 2,763 | 2,984 | 2,973 | 3,245 | 3310 | 3630 |
| Feb | 2,621 | 2,957 | 2,662 | 3,007 | 2,734 | 3,092 | 3257 | 3558 |
| Mar | 2,892 | 2,978 | 2,981 | 3,022 | 3,220 | 3,265 | 3516 | 3505 |
| Apr | 2,946 | 3,033 | 2,978 | 3,037 | 3,194 | 3,251 | 3571r | 3760r |
| May | 3,010 | 2,984 | 3,110 | 3,111 | 3,340 | 3,353 | 3817p | 3761p |
| Jun | 2,951 | 2,999 | 3,028 | 3,088 | 3,451 | 3,510 | | |
| Jul | 2,878 | 2,917 | 3,127 | 3,139 | 3,353 | 3,429 | | |
| Aug | 2,907 | 3,032 | 3,010 | 3,159 | 3,263 | 3,367 | | |
| Sep | 2,903 | 3,088 | 3,055 | 3,235 | 3,291 | 3,438 | | |
| Oct | 2,965 | 2,937 | 3,201 | 3,226 | 3,448 | 3,510 | | |
| Nov | 3,082 | 2,974 | 3,400 | 3,220 | 3,697 | 3,508 | | |
| Dec | 3,844 | 2,963 | 4,169 | 3,188 | 4,579 | 3,496 | | |

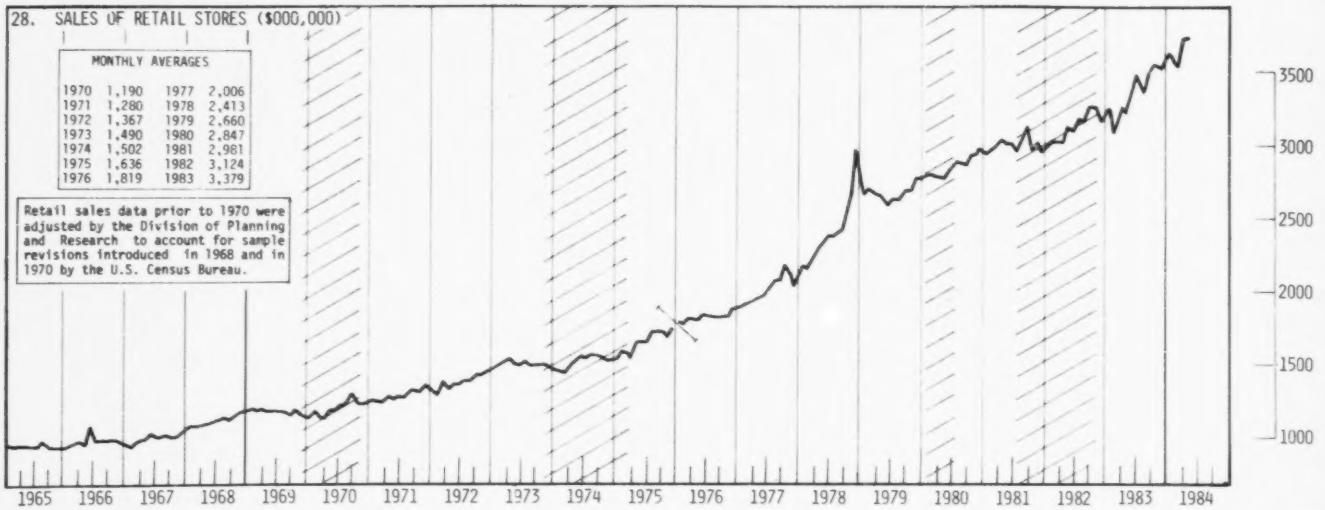
29. SALES OF RETAIL STORES IN 1967 ($000,000)

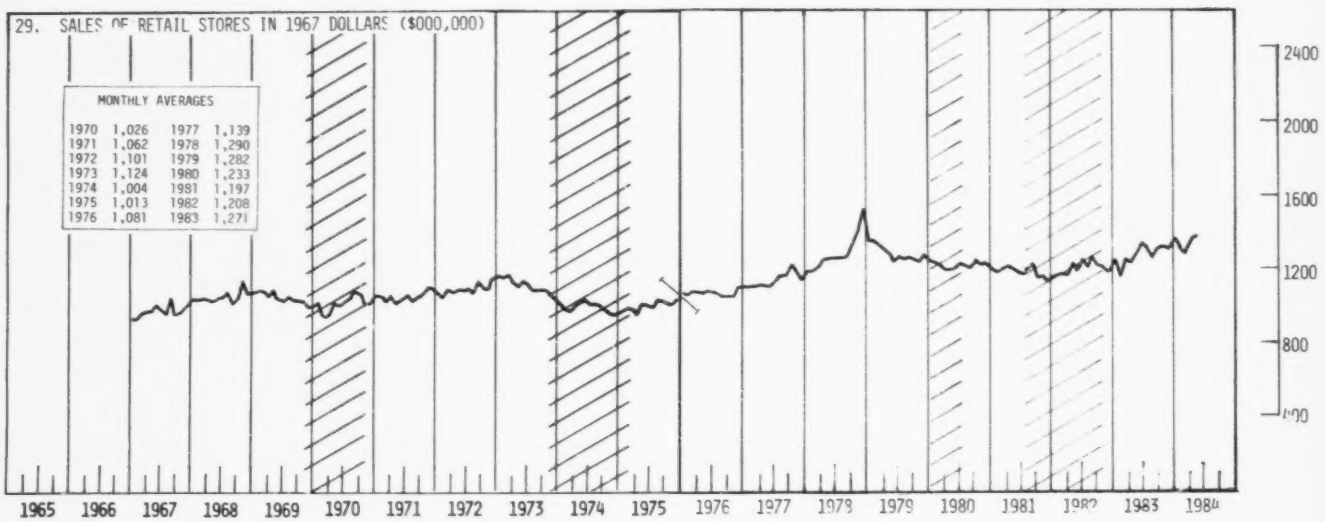
| Date | 1981 Adjusted | 1982 Adjusted | 1983 Adjusted | 1984 Adjusted |
|---|---|---|---|---|
| Jan | 1,219 | 1,172 | 1,241 | 1354 |
| Feb | 1,211 | 1,178 | 1,183 | 1304 |
| Mar | 1,214 | 1,192 | 1,248 | 1284 |
| Apr | 1,231 | 1,200 | 1,235 | 1378r |
| May | 1,209 | 1,222 | 1,272 | 1380p |
| Jun | 1,206 | 1,192 | 1,328 | |
| Jul | 1,166 | 1,209 | 1,292 | |
| Aug | 1,202 | 1,216 | 1,262 | |
| Sep | 1,211 | 1,243 | 1,279 | |
| Oct | 1,153 | 1,229 | 1,307 | |
| Nov | 1,171 | 1,228 | 1,306 | |
| Dec | 1,165 | 1,219 | 1,303 | |

30. NEW PASSENGER CAR REGISTRATIONS (number)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 29,079 | 27,886 | 24,492 | 25,846 | 27,399 | 26,715 | 38,462 | 37,895 |
| Feb | 23,732 | 27,200 | 25,072 | 28,878 | 19,571 | 22,558 | 48,843 | 55,194 |
| Mar | 31,180 | 28,508 | 31,491 | 26,551 | 26,413 | 23,036 | 49,367 | 42,114 |
| Apr | 29,314 | 30,084 | 25,183 | 25,703 | 21,768 | 22,634 | 44,202 | 47,376 |
| May | 24,929 | 27,064 | 25,082 | 25,386 | 26,245 | 26,785 | 44,211 | 43,561 |
| Jun | 30,523 | 24,839 | 30,940 | 27,678 | 23,107 | 20,168 | 41,606 | 36,553 |
| Jul | 29,656 | 26,703 | 28,181 | 24,909 | 26,548 | 26,471 | 40,425 | 37,942 |
| Aug | 28,465 | 26,246 | 24,557 | 23,080 | 47,600 | 41,893 | | |
| Sep | 31,599 | 35,469 | 21,209 | 22,684 | 37,626 | 39,440 | | |
| Oct | 27,683 | 26,205 | 23,095 | 24,455 | 36,959 | 36,369 | | |
| Nov | 17,477 | 22,928 | 19,575 | 23,813 | 29,026 | 38,457 | | |
| Dec | 23,414 | 23,673 | 26,691 | 27,063 | 32,437 | 32,140 | | |

# CHART X TRADE INDICATORS



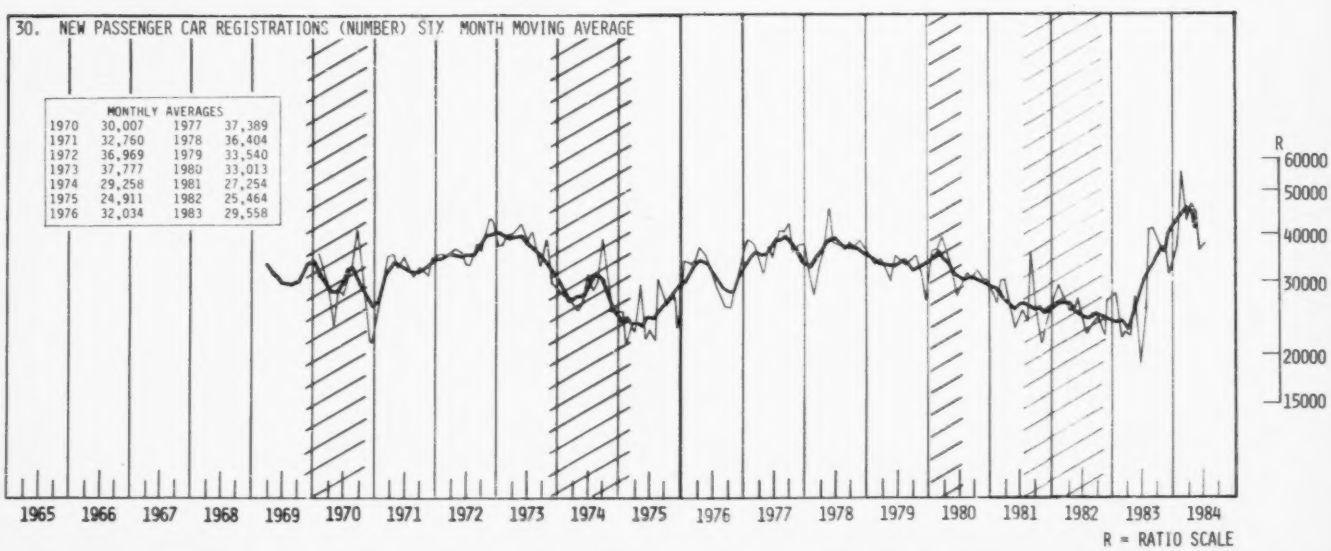



TABLE XI LABOR MARKET INDICATORS

31. NONFARM JOB OPENINGS RECEIVED (number) by New Jersey Employment Service

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 15,617 | 17,763 | 10,178 | 11,742 | 12,350 | 14,572 | 7,299 | 8,425 |
| Feb | 14,092 | 17,263 | 10,515 | 12,791 | 11,947 | 14,413 | 6,997 | 7,968 |
| Mar | 19,788 | 16,988 | 16,187 | 13,230 | 17,765 | 14,227 | 8,347 | 6,945 |
| Apr | 17,465 | 17,036 | 12,399 | 12,340 | 13,537 | 13,613 | 8,799 | 9,022 |
| May | 18,850 | 15,636 | 16,617 | 13,548 | 18,548 | 14,603 | 12,722 | 9,567 |
| Jun | 14,713 | 15,069 | 13,581 | 13,336 | 13,939 | 13,766 | 11,466 | 11,649 |
| Jul | 14,862 | 15,488 | 10,714 | 11,634 | 9,481 | 10,490 | 10,893 | 11,974 |
| Aug | 13,502 | 13,183 | 12,774 | 12,551 | 12,637 | 12,169 | | |
| Sep | 15,391 | 13,524 | 15,604 | 13,956 | 11,374 | 10,367 | | |
| Oct | 15,295 | 14,394 | 12,754 | 12,124 | 11,132 | 10,730 | | |
| Nov | 11,284 | 13,103 | 12,961 | 14,784 | 7,412 | 8,186 | | |
| Dec | 12,908 | 15,293 | 11,374 | 13,757 | 5,990 | 7,543 | | |

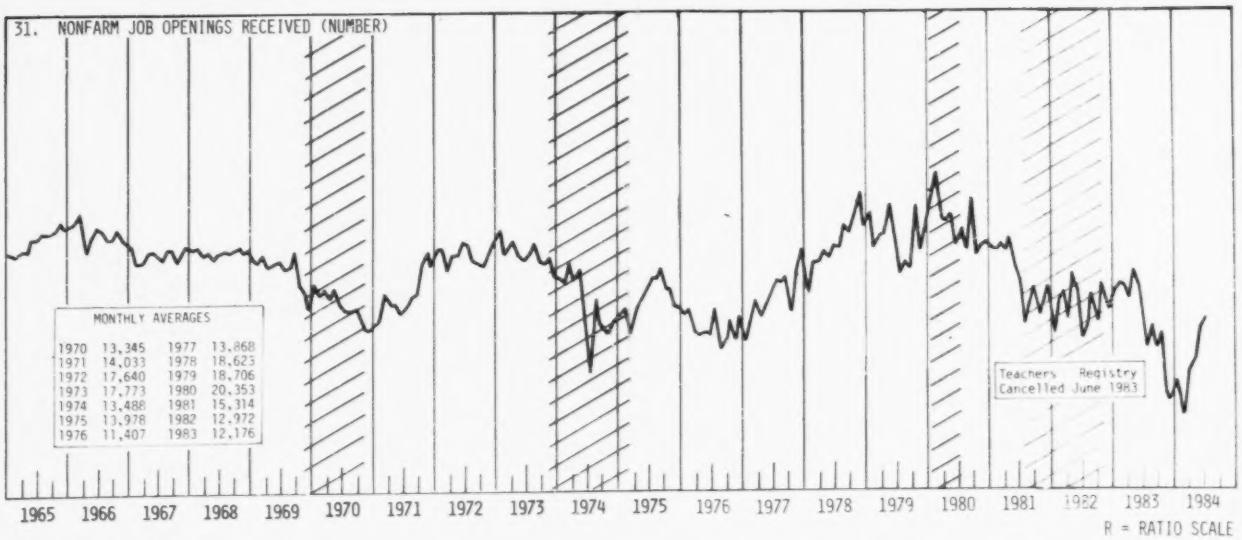
32. NONFARM JOB PLACEMENTS (number) made by New Jersey Employment Service

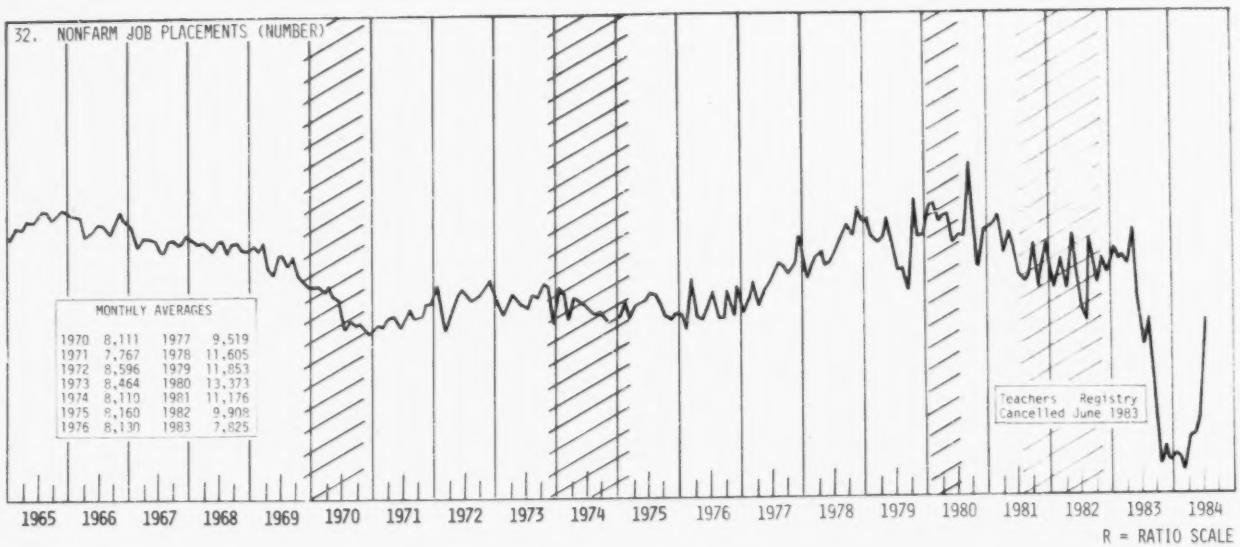
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 11,281 | 12,428 | 8,167 | 9,209 | 9,871 | 11,321 | 3,106 | 3,497 |
| Feb | 11,086 | 12,469 | 8,520 | 9,538 | 9,402 | 10,493 | 3,243 | 3,433 |
| Mar | 15,017 | 12,764 | 12,572 | 10,077 | 13,273 | 10,354 | 3,941 | 3,163 |
| Apr | 10,594 | 10,943 | 9,253 | 9,723 | 9,562 | 10,194 | 3,545 | 3,917 |
| May | 12,271 | 10,935 | 12,275 | 10,806 | 13,582 | 11,635 | 4,926 | 3,991 |
| Jun | 10,735 | 11,241 | 9,755 | 9,902 | 8,491 | 8,677 | 4,098 | 4,283 |
| Jul | 9,824 | 11,404 | 7,381 | 9,061 | 5,435 | 6,965 | 5,752 | 7,346 |
| Aug | 10,046 | 10,465 | 7,551 | 7,870 | 7,802 | 7,852 | | |
| Sep | 11,647 | 9,101 | 14,113 | 11,093 | 6,819 | 5,413 | | |
| Oct | 11,917 | 11,546 | 9,721 | 9,678 | 3,281 | 3,314 | | |
| Nov | 8,969 | 10,288 | 10,169 | 11,418 | 3,268 | 3,604 | | |
| Dec | 10,728 | 11,348 | 9,424 | 9,964 | 3,118 | 3,346 | | |

33. WEEKS CLAIMED - WEEKLY AVERAGE (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 158.4 | 130.1 | 166.9 | 137.3 | 157.3 | 129.4 | 119.0 | 97.9 |
| Feb | 154.2 | 125.3 | 170.9 | 139.2 | 160.5 | 130.8 | 121.0 | 98.7 |
| Mar | 147.2 | 126.6 | 159.3 | 137.3 | 146.0 | 126.1 | 110.5 | 95.4 |
| Apr | 127.7 | 123.7 | 148.8 | 143.6 | 127.9 | 123.2 | 97.7 | 94.1 |
| May | 115.1 | 123.6 | 132.5 | 142.2 | 108.9 | 116.9 | 86.6 | 92.9 |
| Jun | 108.4 | 122.3 | 125.8 | 141.5 | 100.6 | 113.0 | 79.5 | 89.4 |
| Jul | 121.0 | 124.6 | 134.6 | 138.7 | 103.3 | 106.5 | 89.5 | 92.3 |
| Aug | 117.9 | 125.2 | 128.5 | 136.9 | 96.4 | 102.9 | | |
| Sep | 105.8 | 126.2 | 115.5 | 137.7 | 84.2 | 100.5 | | |
| Oct | 103.6 | 123.0 | 117.6 | 139.8 | 81.1 | 96.4 | | |
| Nov | 116.8 | 129.2 | 125.6 | 139.0 | 86.9 | 96.3 | | |
| Dec | 141.9 | 135.5 | 141.2 | 134.6 | 99.0 | 94.2 | | |

# CHART XI LABOR MARKET INDICATORS



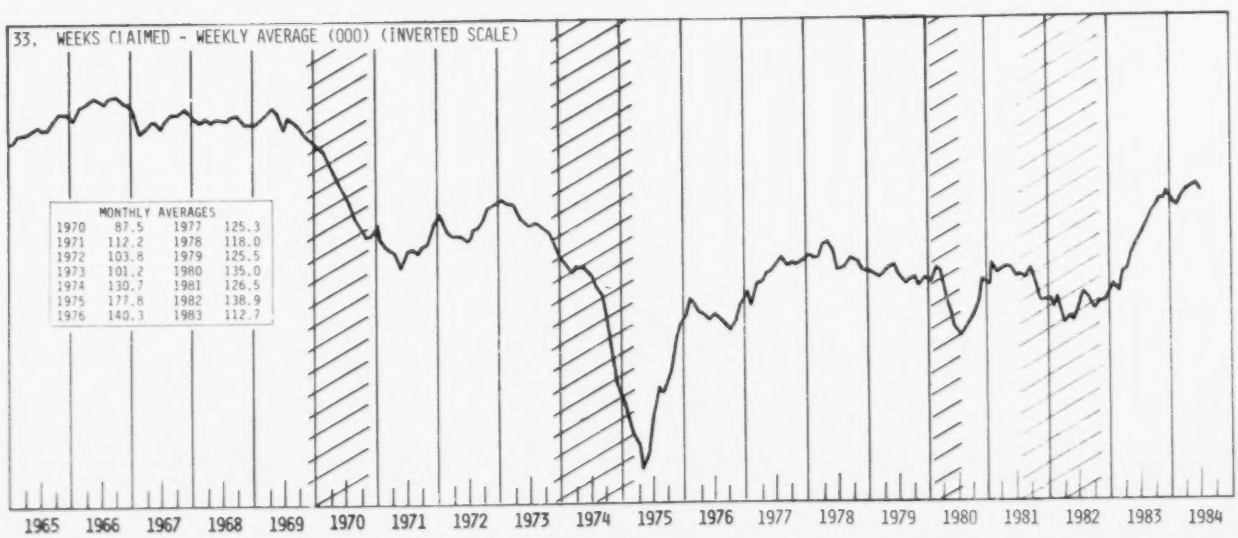



TABLE XII UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - I

34. INSURED UNEMPLOYMENT RATE (%)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 5.4 | 4.5 | 5.7 | 4.7 | 5.4 | 4.4 | 4.0 | 3.3 |
| Feb | 5.3 | 4.3 | 5.8 | 4.7 | 5.5 | 4.5 | 4.1 | 3.4 |
| Mar | 5.0 | 4.3 | 5.4 | 4.7 | 5.0 | 4.3 | 3.8 | 3.2 |
| Apr | 4.4 | 4.2 | 5.0 | 4.9 | 4.4 | 4.2 | 3.3 | 3.2 |
| May | 3.9 | 4.2 | 4.5 | 4.8 | 3.7 | 4.0 | 2.9 | 3.1 |
| Jun | 3.7 | 4.2 | 4.3 | 4.8 | 3.4 | 3.9 | 2.7 | 3.0 |
| Jul | 4.1 | 4.3 | 4.6 | 4.7 | 3.5 | 3.6 | 3.0 | 3.1 |
| Aug | 4.0 | 4.3 | 4.3 | 4.6 | 3.3 | 3.5 | | |
| Sep | 3.6 | 4.3 | 3.9 | 4.7 | 2.9 | 3.4 | | |
| Oct | 3.5 | 4.2 | 4.0 | 4.7 | 2.8 | 3.3 | | |
| Nov | 4.0 | 4.4 | 4.3 | 4.7 | 3.0 | 3.3 | | |
| Dec | 4.8 | 4.6 | 4.8 | 4.6 | 3.4 | 3.2 | | |

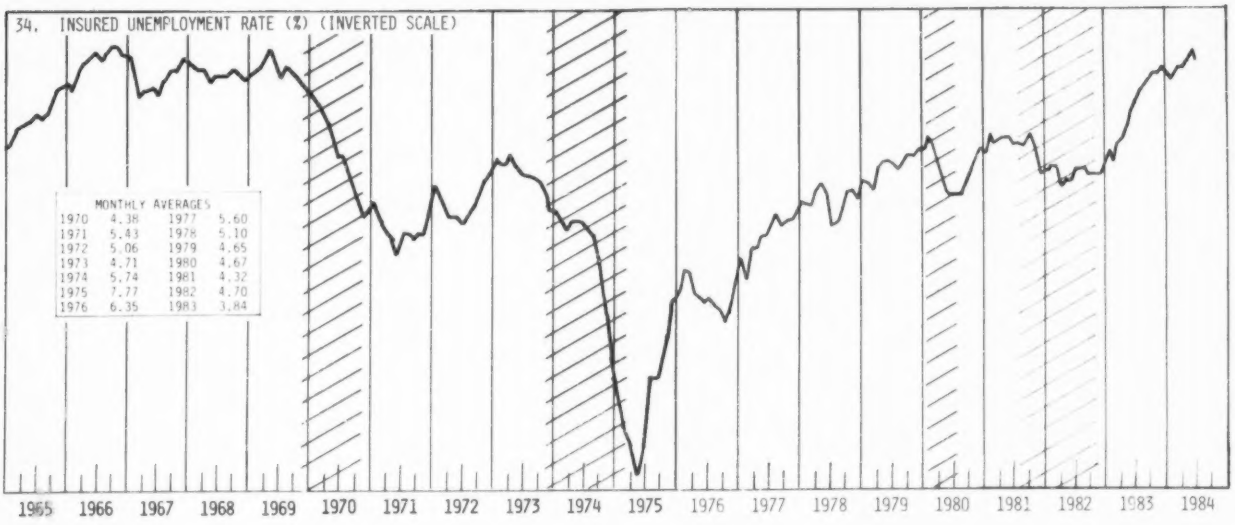
35. INITIAL CLAIMS WEEKLY AVERAGE (number)

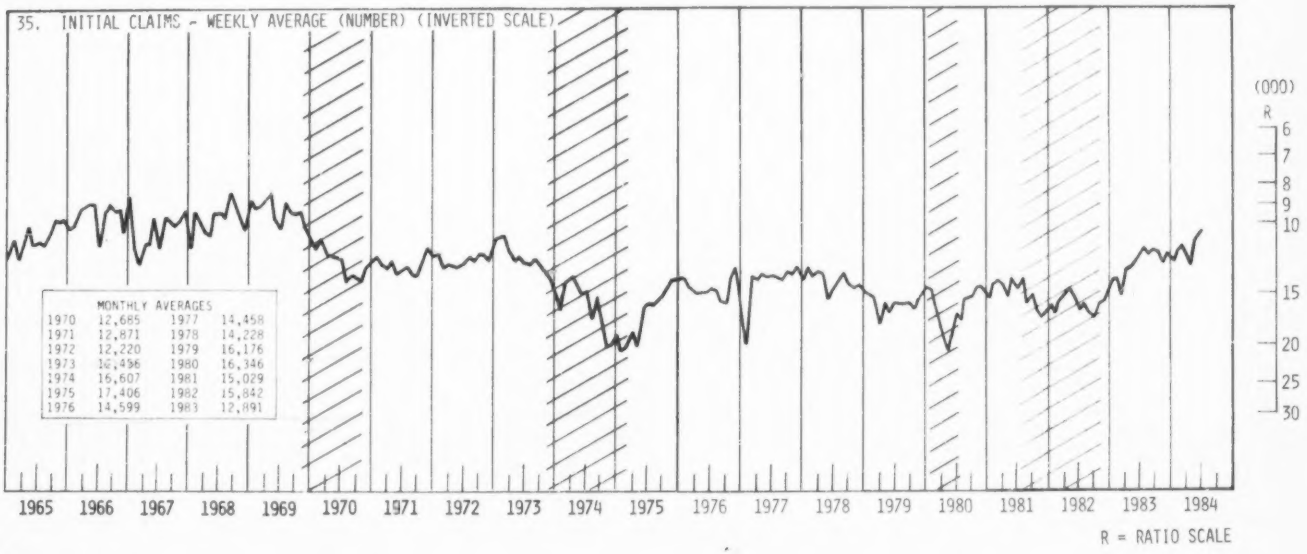
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 20,272 | 15,406 | 21,466 | 16,338 | 20,107 | 14,646 | 16,791 | 12,152 |
| Feb | 14,297 | 14,159 | 16,689 | 16,576 | 14,453 | 14,383 | 11,909 | 11,631 |
| Mar | 13,126 | 14,053 | 14,425 | 15,702 | 13,090 | 14,905 | 9,939 | 11,217 |
| Apr | 12,587 | 14,329 | 13,754 | 15,472 | 11,824 | 13,584 | 10,785 | 11,630 |
| May | 11,821 | 14,932 | 12,586 | 15,223 | 10,904 | 13,119 | 10,042 | 12,837 |
| Jun | 15,512 | 14,108 | 16,037 | 15,532 | 13,267 | 12,773 | 11,472 | 11,060 |
| Jul | 15,719 | 14,630 | 17,694 | 16,599 | 12,607 | 11,797 | 11,571 | 10,303 |
| Aug | 11,650 | 14,010 | 13,409 | 16,093 | 9,872 | 12,078 | | |
| Sep | 12,200 | 15,645 | 13,033 | 16,502 | 9,294 | 11,568 | | |
| Oct | 13,485 | 15,199 | 14,790 | 16,607 | 10,945 | 11,753 | | |
| Nov | 16,740 | 16,191 | 15,668 | 15,218 | 12,019 | 12,367 | | |
| Dec | 22,934 | 16,920 | 20,556 | 14,928 | 16,320 | 11,836 | | |

36. UNEMPLOYMENT INSURANCE EXHAUSTIONS (number)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 14,458 | 13,917 | 14,463 | 14,114 | 17,382 | 17,041 | 12,645 | 12,395 |
| Feb | 14,121 | 13,862 | 14,651 | 14,519 | 16,413 | 16,379 | 13,036 | 13,009 |
| Mar | 17,165 | 13,597 | 20,813 | 16,287 | 21,555 | 16,757 | 13,805 | 10,732 |
| Apr | 16,897 | 14,136 | 19,611 | 16,280 | 18,134 | 15,007 | | |
| May | 14,009 | 13,050 | 18,180 | 16,967 | 16,484 | 15,377 | | |
| Jun | 12,543 | 13,344 | 18,917 | 19,900 | 14,477 | 15,126 | | |
| Jul | 13,349 | 13,695 | 16,354 | 16,872 | 12,986 | 13,442 | | |
| Aug | 11,760 | 12,850 | 15,152 | 16,623 | 12,823 | 14,097 | | |
| Sep | 11,624 | 13,758 | 14,600 | 17,174 | 10,899 | 12,785 | | |
| Oct | 11,831 | 13,810 | 13,929 | 16,488 | 9,792 | 11,679 | | |
| Nov | 11,387 | 13,179 | 15,160 | 17,612 | 10,264 | 11,970 | | |
| Dec | 15,087 | 14,806 | 17,329 | 16,918 | 11,217 | 10,918 | | |

# CHART XII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS – I



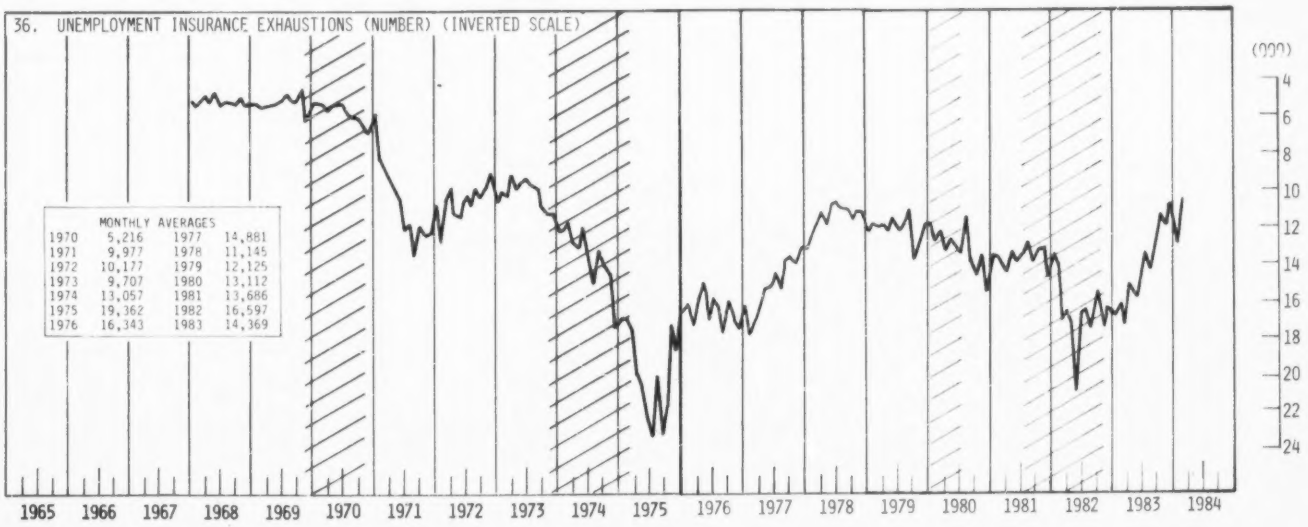



TABLE XIII UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - II

37. INSURED UNEMPLOYMENT IN MANUFACTURING (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 59.8 | 47.0 | 67.5 | 53.0 | 62.7 | 49.2 | 37.9 | 29.7 |
| Feb | 52.3 | 44.8 | 63.1 | 53.9 | 59.7 | 50.7 | 39.2 | 33.3 |
| Mar | 50.0 | 45.5 | 61.0 | 55.2 | 52.2 | 47.1 | 35.9 | 32.4 |
| Apr | 45.3 | 43.1 | 60.0 | 57.2 | 46.5 | 44.3 | 32.8 | 31.2 |
| May | 40.0 | 40.7 | 54.6 | 55.4 | 43.8 | 44.5 | 33.9 | 34.5 |
| Jun | 35.8 | 38.5 | 51.5 | 55.5 | 39.2 | 42.3 | 29.1 | 31.4 |
| Jul | 39.5 | 40.1 | 52.6 | 53.8 | 37.0 | 38.0 | 31.7 | 32.5 |
| Aug | 40.8 | 43.7 | 47.3 | 50.7 | 33.1 | 35.4 | | |
| Sep | 32.1 | 40.1 | 46.8 | 58.5 | 27.0 | 33.8 | | |
| Oct | 34.2 | 40.7 | 50.6 | 60.6 | 27.5 | 33.0 | | |
| Nov | 38.7 | 43.7 | 49.1 | 55.5 | 28.9 | 32.6 | | |
| Dec | 50.7 | 48.3 | 51.6 | 49.1 | 34.7 | 33.1 | | |

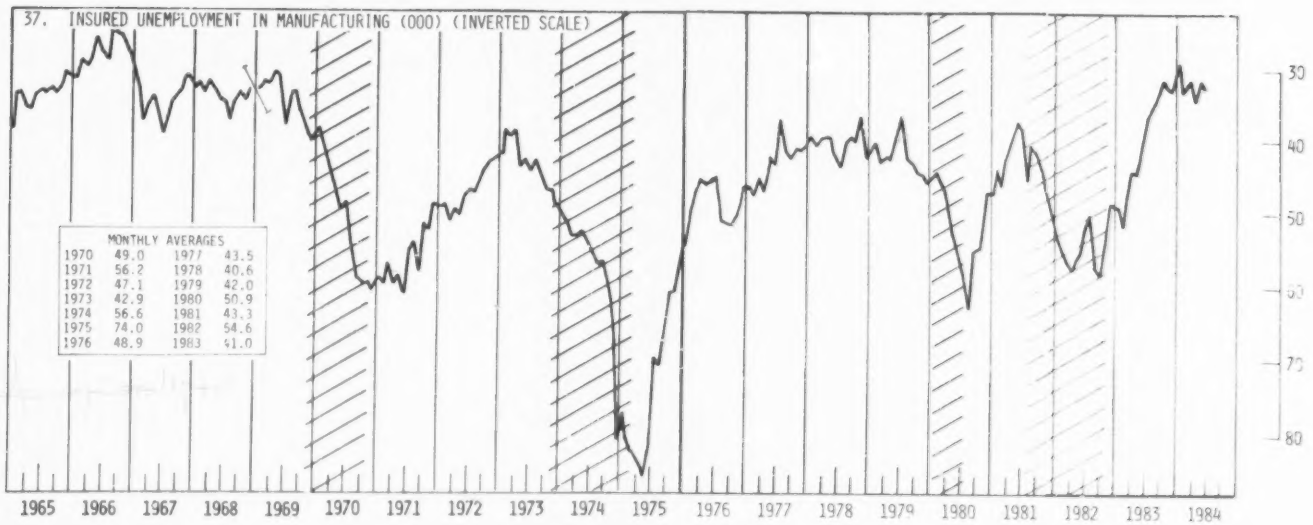
38. INSURED UNEMPLOYMENT IN CONSTRUCTION (000)

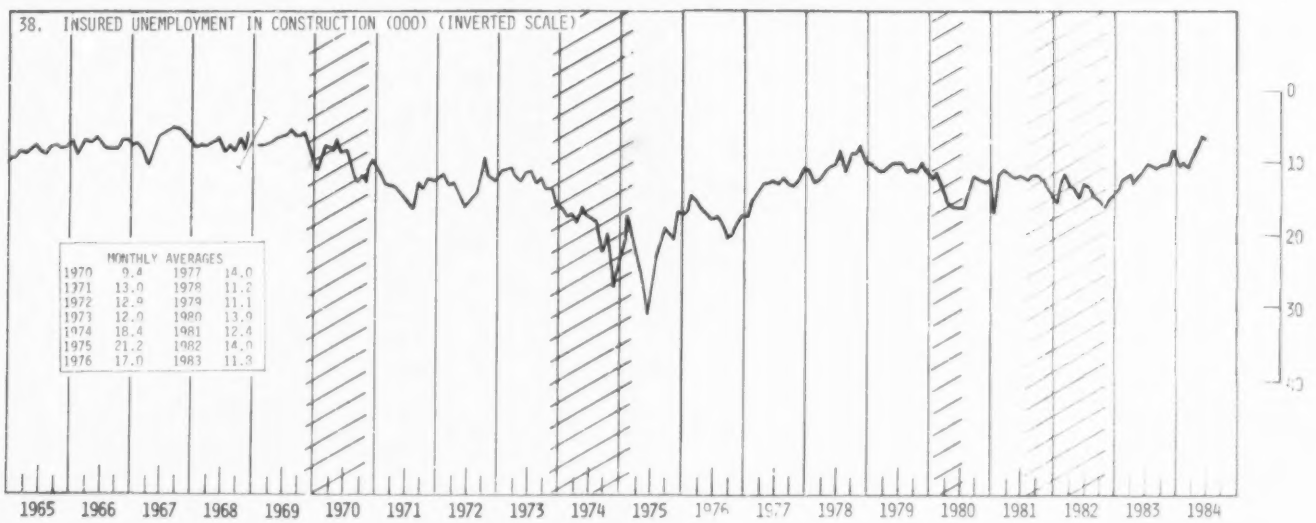
| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 20.8 | 16.3 | 18.9 | 14.5 | 16.9 | 12.9 | 13.5 | 10.3 |
| Feb | 24.5 | 12.5 | 26.7 | 13.7 | 24.3 | 12.6 | 19.2 | 10.0 |
| Mar | 22.4 | 11.7 | 23.8 | 12.7 | 23.5 | 12.7 | 19.0 | 10.3 |
| Apr | 16.2 | 11.2 | 20.0 | 13.9 | 17.4 | 12.1 | 13.6 | 9.5 |
| May | 12.0 | 11.5 | 14.2 | 13.5 | 13.5 | 12.7 | 8.6 | 8.1 |
| Jun | 8.9 | 11.6 | 11.3 | 14.5 | 9.1 | 11.7 | 5.1 | 6.5 |
| Jul | 7.9 | 12.1 | 8.7 | 13.4 | 7.2 | 11.0 | 4.5 | 6.9 |
| Aug | 6.7 | 12.2 | 7.6 | 13.8 | 6.0 | 11.0 | | |
| Sep | 6.4 | 11.8 | 7.9 | 14.4 | 5.9 | 10.7 | | |
| Oct | 6.6 | 12.0 | 8.2 | 15.0 | 5.5 | 10.1 | | |
| Nov | 7.0 | 12.2 | 8.8 | 15.1 | 5.6 | 9.6 | | |
| Dec | 10.0 | 13.3 | 11.5 | 15.4 | 6.5 | 8.7 | | |

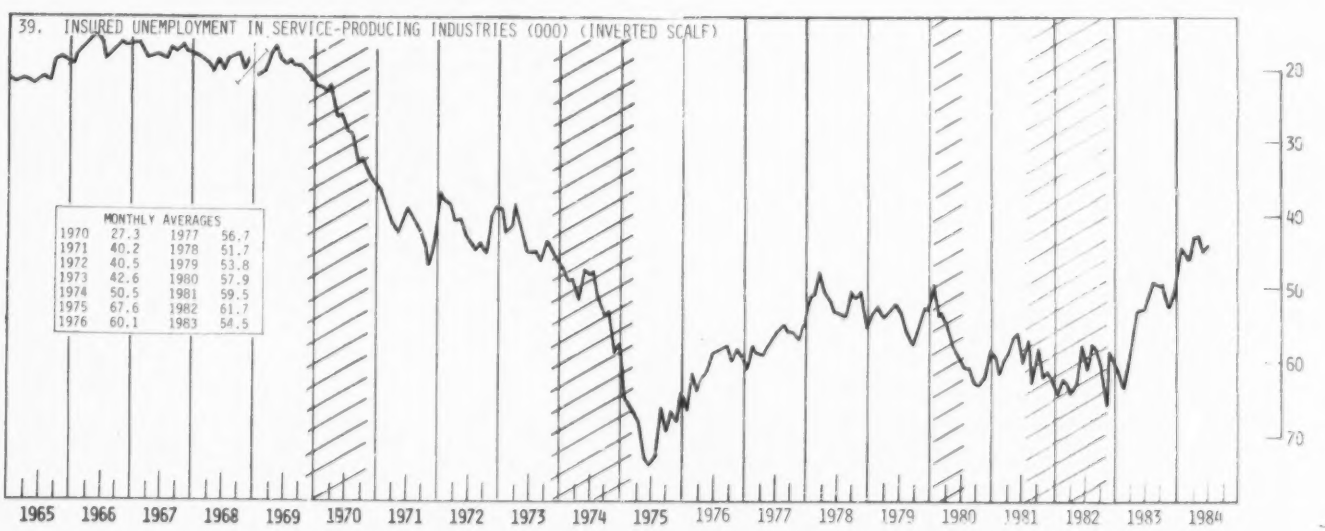
39. INSURED UNEMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES (000)

| Date | 1981 | | 1982 | | 1983 | | 1984 | |
|---|---|---|---|---|---|---|---|---|
| | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. | Unadj. | Adj. |
| Jan | 67.0 | 59.5 | 71.8 | 63.6 | 68.4 | 60.2 | 50.5 | 44.6 |
| Feb | 67.8 | 60.9 | 68.4 | 61.0 | 70.3 | 62.6 | 51.3 | 45.2 |
| Mar | 63.3 | 59.6 | 66.0 | 61.8 | 63.9 | 60.0 | 48.6 | 45.7 |
| Apr | 57.5 | 58.8 | 62.4 | 63.6 | 54.8 | 55.9 | 41.8 | 42.5 |
| May | 52.9 | 57.8 | 57.7 | 63.2 | 49.2 | 54.0 | 38.7 | 42.4 |
| Jun | 51.0 | 57.0 | 56.4 | 62.9 | 47.8 | 53.6 | 39.6 | 44.9 |
| Jul | 62.0 | 60.0 | 63.9 | 61.8 | 53.0 | 51.4 | 45.4 | 44.1 |
| Aug | 62.4 | 58.2 | 63.7 | 60.1 | 53.6 | 50.8 | | |
| Sep | 55.8 | 61.7 | 53.6 | 59.1 | 45.7 | 50.4 | | |
| Oct | 52.4 | 58.4 | 54.5 | 61.0 | 45.0 | 50.4 | | |
| Nov | 57.6 | 60.1 | 62.1 | 64.1 | 50.1 | 51.5 | | |
| Dec | 64.0 | 61.7 | 60.6 | 58.6 | 51.9 | 50.4 | | |

## CHART XIII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS – II



## NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY
(thousands)

| | 1983 Jul | Aug | Sep | Oct | Nov | Dec | 1984 Jan | Feb | Mar | Apr | May | Jun | Jul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEASONALLY ADJUSTED | | | | | | | | | | | | | |
| TOTAL NONFARM | 3154.7 | 3144.9 | 3172.2 | 3185.6 | 3199.6 | 3207.4 | 3239.0 | 3247.6 | 3248.1 | 3254.0 | 3255.7 | 3259.9 | 3260.8 |
| PRIVATE SECTOR | 2629.3 | 2618.0 | 2639.8 | 2653.8 | 2666.8 | 2674.3 | 2705.1 | 2713.2 | 2713.3 | 2719.0 | 2722.5 | 2726.3 | 2736.5 |
| GOVERNMENT | 525.4 | 526.9 | 532.4 | 531.8 | 532.8 | 533.1 | 533.9 | 534.4 | 534.8 | 535.0 | 533.2 | 533.6 | 524.3 |
| NOT SEASONALLY ADJUSTED | | | | | | | | | | | | | |
| TOTAL NONFARM | 3202.8 | 3191.5 | 3190.7 | 3199.9 | 3211.1 | 3216.4 | 3168.8 | 3170.0 | 3191.8 | 3231.0 | 3260.4 | 3317.5 | 3312.6 |
| MANUFACTURING | 711.0 | 718.2 | 724.0 | 727.0 | 726.2 | 720.8 | 718.7 | 723.5 | 726.0 | 728.1 | 730.6 | 740.6 | 736.6 |
| Durable Goods | 338.3 | 338.9 | 342.3 | 345.5 | 345.7 | 345.0 | 343.7 | 345.3 | 347.5 | 348.6 | 349.3 | 353.6 | 351.7 |
| Lumber & Wood Products | 6.3 | 6.5 | 6.5 | 6.4 | 6.5 | 6.5 | 6.3 | 6.4 | 6.5 | 6.7 | 6.8 | 6.9 | 6.9 |
| Furniture & Fixtures | 10.3 | 10.3 | 10.6 | 10.6 | 10.7 | 10.6 | 10.7 | 10.5 | 10.3 | 10.4 | 10.3 | 10.4 | 10.6 |
| Stone, Clay & Glass Products | 26.0 | 26.1 | 26.6 | 28.2 | 27.9 | 27.0 | 26.7 | 27.0 | 27.0 | 27.4 | 27.6 | 28.1 | 27.9 |
| Glass & Glassware/pressed, blown | 10.0 | 10.0 | 10.1 | 11.5 | 11.1 | 10.4 | 10.3 | 10.5 | 10.6 | 10.7 | 10.8 | 11.1 | 11.0 |
| Pottery & related products | 3.6 | 3.6 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.7 | 3.7 | 3.7 | 3.7 |
| Other stone, clay & glass prod. | 12.3 | 12.6 | 12.8 | 13.0 | 13.2 | 12.9 | 12.8 | 12.9 | 12.8 | 13.0 | 13.1 | 13.3 | 13.2 |
| Primary Metal Industries | 20.4 | 20.6 | 20.7 | 20.9 | 20.7 | 20.9 | 20.8 | 20.9 | 21.0 | 21.3 | 21.2 | 21.2 | 21.3 |
| Blast furn. & basic steel prod. | 4.0 | 4.1 | 4.0 | 4.1 | 4.0 | 3.8 | 3.8 | 3.9 | 3.8 | 4.0 | 4.0 | 4.0 | 4.1 |
| Iron & steel foundries | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 2.3 | 2.3 | 2.4 | 2.5 | 2.5 | 2.6 |
| Primary & secondary nonfer. metal | 2.4 | 2.5 | 2.5 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 | 2.1 | 2.0 | 2.0 | 2.0 |
| Nonfer. rolling & drawing metal | 7.7 | 7.8 | 7.7 | 7.8 | 7.9 | 8.1 | 8.1 | 8.2 | 8.4 | 8.3 | 8.3 | 8.3 | 8.2 |
| Other primary metal industries | 4.0 | 3.9 | 4.1 | 4.2 | 4.2 | 4.2 | 4.3 | 4.4 | 4.5 | 4.5 | 4.4 | 4.4 | 4.4 |
| Fabricated Metals, incl. Ordnance | 51.9 | 52.3 | 52.8 | 52.9 | 53.3 | 53.5 | 53.3 | 53.7 | 54.1 | 54.2 | 54.1 | 54.7 | 54.6 |
| Metal cans | 5.3 | 5.5 | 5.4 | 5.4 | 5.3 | 5.1 | 5.2 | 5.3 | 5.4 | 5.4 | 5.4 | 5.5 | 5.5 |
| Cutlery, hand tools & hardware | 5.6 | 5.7 | 5.8 | 5.8 | 5.9 | 5.9 | 5.9 | 6.1 | 6.0 | 5.9 | 5.9 | 5.8 | 5.6 |
| Fabricated struct. metal prod. | 11.7 | 11.8 | 12.0 | 12.0 | 12.2 | 12.4 | 12.3 | 12.2 | 12.4 | 12.5 | 12.6 | 12.9 | 12.9 |
| Metal stampings | 6.6 | 6.6 | 6.7 | 6.8 | 6.8 | 6.9 | 6.8 | 6.9 | 7.0 | 7.0 | 6.9 | 6.9 | 6.8 |
| Other fab. metals, incl. ord. | 22.8 | 22.7 | 22.8 | 22.8 | 23.1 | 23.1 | 23.1 | 23.2 | 23.3 | 23.4 | 23.3 | 23.6 | 23.8 |
| Machinery, Except Electrical | 61.5 | 60.6 | 61.7 | 61.9 | 61.3 | 62.2 | 61.8 | 62.2 | 62.7 | 62.8 | 62.5 | 63.0 | 62.3 |
| Construction & related machinery | 4.1 | 4.1 | 4.1 | 3.8 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.9 | 3.9 | 3.9 | 3.9 |
| Metalworking machinery | 7.6 | 7.6 | 7.8 | 7.8 | 7.8 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.7 | 7.7 | 7.6 |
| Special industry machinery | 8.2 | 8.2 | 8.3 | 8.5 | 8.6 | 8.6 | 8.5 | 8.5 | 8.6 | 8.5 | 8.4 | 8.5 | 8.5 |
| General industry machinery | 12.6 | 12.4 | 12.5 | 12.5 | 11.7 | 12.5 | 12.2 | 12.2 | 12.2 | 12.3 | 12.3 | 12.3 | 12.2 |
| Service industry machinery | 5.8 | 5.3 | 6.0 | 6.1 | 6.2 | 6.3 | 6.3 | 6.6 | 6.8 | 6.7 | 6.8 | 6.9 | 6.7 |
| Other machinery, except elec. | 23.2 | 22.9 | 23.1 | 23.3 | 23.3 | 23.2 | 23.1 | 23.3 | 23.5 | 23.6 | 23.4 | 23.7 | 23.4 |
| Electrical Equipment & Supplies | 89.0 | 89.3 | 89.9 | 90.7 | 91.3 | 91.2 | 91.0 | 91.7 | 92.0 | 92.1 | 92.6 | 93.9 | 93.3 |
| Elec. test & distribution equip. | 3.6 | 3.6 | 3.6 | 3.0 | 3.7 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.2 | 4.1 |
| Electrical industrial apparatus | 6.0 | 6.0 | 6.0 | 6.1 | 6.1 | 6.0 | 5.9 | 6.0 | 5.9 | 5.9 | 5.9 | 6.0 | 6.0 |
| Elec. lighting & wiring equipt. | 11.4 | 11.7 | 11.8 | 12.0 | 11.9 | 11.7 | 11.7 | 11.7 | 11.8 | 11.9 | 11.8 | 11.7 | 11.6 |
| Radio & TV receiving equipment | 3.4 | 3.4 | 3.5 | 3.5 | 3.5 | 3.5 | 3.4 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 |
| Communication equipment | 39.6 | 39.7 | 39.6 | 39.6 | 40.0 | 40.2 | 40.2 | 40.3 | 40.5 | 40.5 | 40.8 | 41.7 | 41.5 |
| Electronic components & access. | 18.7 | 18.6 | 18.8 | 19.5 | 19.5 | 19.4 | 19.3 | 19.7 | 19.6 | 19.6 | 19.6 | 19.9 | 19.7 |
| Other elec. equipment & supplies | 6.2 | 6.3 | 6.7 | 6.9 | 6.6 | 6.8 | 6.7 | 6.8 | 6.9 | 6.8 | 6.9 | 7.0 | 7.0 |
| Transportation Equipment | 14.2 | 14.3 | 14.5 | 14.4 | 14.6 | 14.3 | 14.2 | 14.1 | 14.2 | 14.1 | 14.2 | 14.3 | 14.1 |
| Motor vehicles | 9.3 | 9.4 | 9.6 | 9.7 | 9.6 | 9.7 | 9.6 | 9.5 | 9.6 | 9.6 | 9.5 | 9.6 | 9.5 |
| Aircraft & parts | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 | 2.2 | 2.3 | 2.3 |
| Ship & boat bldg. & repairing | 1.7 | 1.7 | 1.7 | 1.7 | 1.9 | 1.9 | 1.9 | 1.9 | 1.8 | 1.7 | 2.0 | 1.9 | 1.8 |
| Other transportation equipment | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Instruments & Related Products | 34.7 | 34.6 | 34.5 | 34.1 | 34.1 | 34.2 | 34.2 | 34.0 | 34.1 | 34.1 | 34.3 | 34.9 | 34.6 |
| Engineering & scientific inst. | 5.5 | 5.6 | 5.6 | 5.6 | 5.6 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.9 | 6.0 | 6.0 |
| Other Instruments & Rel. Prod. | 29.2 | 29.1 | 28.9 | 28.5 | 28.4 | 28.5 | 28.5 | 28.3 | 28.4 | 28.4 | 28.4 | 28.9 | 28.6 |
| Miscellaneous Mfg. Industries | 23.9 | 24.3 | 24.6 | 25.3 | 25.3 | 24.6 | 24.7 | 24.8 | 25.6 | 25.5 | 25.7 | 26.2 | 26.1 |
| Nondurable Goods | 372.7 | 379.3 | 381.7 | 381.5 | 380.5 | 375.8 | 375.0 | 378.2 | 378.5 | 379.5 | 381.3 | 387.0 | 384.9 |
| Food & Kindred Products | 47.8 | 48.4 | 48.6 | 48.3 | 48.7 | 48.2 | 47.8 | 48.9 | 48.9 | 48.3 | 49.0 | 49.5 | 49.8 |
| Canned, cured & froze | 9.9 | 10.2 | 10.6 | 10.4 | 10.3 | 10.2 | 10.1 | 10.4 | 10.4 | 10.4 | 10.6 | 10.9 | 11.0 |
| Grain mill & bakery products | 13.2 | 13.3 | 13.2 | 13.2 | 13.3 | 13.2 | 13.1 | 13.4 | 13.4 | 13.1 | 13.4 | 13.4 | 13.4 |
| Beverages | 6.0 | 5.9 | 5.8 | 5.8 | 6.0 | 5.9 | 5.8 | 6.0 | 6.0 | 6.0 | 6.1 | 6.2 | 6.3 |
| Other food & kindred products | 18.7 | 19.0 | 18.9 | 19.0 | 19.1 | 18.8 | 18.8 | 19.1 | 19.1 | 18.8 | 18.9 | 19.0 | 19.1 |
| Tobacco Manufactures | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Textile Mill Products | 15.5 | 15.6 | 16.0 | 16.0 | 15.7 | 15.7 | 15.7 | 16.3 | 16.3 | 16.5 | 16.5 | 16.7 | 16.4 |
| Broad woven fabric mills | 1.4 | 1.3 | 1.3 | 1.3 | 1.4 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| Textile finishing, except wool | 4.0 | 4.0 | 4.1 | 4.0 | 4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 4.0 | 3.9 | 4.0 | 3.9 |
| Other textile mill products | 10.2 | 10.3 | 10.6 | 10.7 | 10.4 | 10.4 | 10.5 | 11.0 | 11.0 | 11.1 | 11.2 | 11.3 | 11.1 |

NOTE: Nonfarm payroll employment includes civilians on nonfarm establishment payrolls who worked or received pay for any part of the pay period including the 12th of the month. It excludes proprietors, self-employed, unpaid family workers, and domestics in private households. Data are adjusted to March 1983 benchmarks.

NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY
(thousands)

| | 1983 Jul | Aug | Sep | Oct | Nov | Dec | 1984 Jan | Feb | Mar | Apr | May | Jun | Jul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Apparel & Other Textile Products | 49.9 | 53.9 | 54.9 | 55.1 | 54.0 | 50.4 | 50.4 | 51.3 | 51.2 | 51.3 | 53.7 | 55.7 | 54.0 |
| Men's & boys' suits and coats | 2.4 | 2.6 | 2.6 | 2.6 | 2.6 | 2.7 | 2.5 | 2.6 | 2.5 | 2.7 | 2.7 | 2.8 | 2.6 |
| Men's & boys' furnishings | 3.4 | 3.6 | 3.6 | 3.7 | 3.7 | 3.7 | 3.6 | 3.5 | 3.6 | 3.7 | 3.8 | 3.8 | 3.7 |
| Women's & misses' outerwear | 25.8 | 28.1 | 28.5 | 28.3 | 27.2 | 24.0 | 24.3 | 24.5 | 24.3 | 24.2 | 26.6 | 28.3 | 27.4 |
| Women's & children's undergarm. | 3.9 | 4.1 | 4.3 | 4.4 | 4.5 | 4.5 | 4.4 | 4.6 | 4.6 | 4.6 | 4.5 | 4.5 | 4.4 |
| Other apparel & related products | 14.4 | 15.5 | 15.9 | 16.1 | 16.1 | 15.5 | 15.6 | 16.1 | 16.2 | 16.1 | 16.1 | 16.3 | 15.9 |
| Paper & Allied Products | 30.8 | 31.4 | 31.6 | 31.7 | 31.9 | 31.6 | 31.6 | 31.7 | 31.8 | 31.8 | 31.5 | 31.9 | 31.2 |
| Paper/p'b'rd mills ex. bldg. pap. | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 3.0 | 2.8 | 2.8 | 2.9 | 2.8 | 2.9 | 2.9 |
| Paperboard containers & boxes | 11.2 | 11.7 | 11.8 | 11.8 | 11.9 | 11.9 | 11.8 | 11.9 | 12.0 | 12.0 | 12.0 | 12.0 | 11.6 |
| Other paper & allied products | 16.6 | 16.8 | 16.9 | 17.0 | 17.1 | 16.8 | 16.8 | 17.0 | 17.0 | 16.9 | 16.7 | 17.0 | 16.7 |
| Printing & Publishing | 57.7 | 57.8 | 58.1 | 58.1 | 58.3 | 58.5 | 58.3 | 58.2 | 58.5 | 58.6 | 58.6 | 59.1 | 59.2 |
| Newspapers | 15.8 | 15.8 | 15.8 | 15.9 | 16.1 | 16.0 | 15.7 | 15.8 | 15.9 | 15.8 | 15.9 | 16.0 | 16.1 |
| Commercial printing | 17.8 | 17.7 | 17.9 | 17.5 | 17.7 | 17.8 | 18.0 | 17.9 | 17.8 | 17.9 | 17.9 | 17.9 | 18.0 |
| Other printing & publishing | 24.1 | 24.4 | 24.4 | 24.6 | 24.5 | 24.7 | 24.6 | 24.5 | 24.8 | 24.9 | 24.8 | 25.2 | 25.1 |
| Chemicals & Allied Products | 119.9 | 120.5 | 120.6 | 120.3 | 119.8 | 120.0 | 119.6 | 119.8 | 119.9 | 120.2 | 119.1 | 120.7 | 122.0 |
| Industrial inorganic chemicals | 9.6 | 9.6 | 9.4 | 9.3 | 9.2 | 9.1 | 9.0 | 8.8 | 8.9 | 8.9 | 8.9 | 9.1 | 9.2 |
| Plastic materials & synthetics | 7.1 | 7.1 | 7.0 | 7.1 | 7.1 | 7.2 | 7.1 | 7.1 | 6.4 | 7.1 | 7.1 | 7.2 | 7.0 |
| Drugs | 43.6 | 43.6 | 44.0 | 44.2 | 44.3 | 44.3 | 44.1 | 43.9 | 43.8 | 44.0 | 43.0 | 43.5 | 44.4 |
| Soaps, cleaners & toilet goods | 22.8 | 23.4 | 23.6 | 22.9 | 22.6 | 22.9 | 22.9 | 23.4 | 23.6 | 23.5 | 23.2 | 23.7 | 23.9 |
| Paints & allied products | 4.8 | 4.8 | 4.6 | 4.7 | 4.7 | 4.6 | 4.6 | 4.7 | 4.7 | 4.7 | 4.8 | 4.9 | 4.9 |
| Industrial organic chemicals | 22.4 | 22.6 | 22.4 | 22.6 | 22.4 | 22.4 | 22.4 | 22.4 | 22.3 | 22.4 | 22.4 | 22.6 | 22.8 |
| Other chemicals & allied prods. | 9.5 | 9.5 | 9.4 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.6 | 9.7 | 9.7 | 9.8 |
| Petroleum & Coal Products | 10.1 | 10.0 | 9.8 | 9.7 | 9.6 | 9.6 | 9.5 | 9.5 | 9.5 | 9.6 | 9.6 | 9.7 | 9.7 |
| Petroleum refining | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.4 | 7.4 | 7.3 | 7.2 | 7.2 | 7.1 | 7.1 | 7.1 |
| Other petroleum & coal products | 2.3 | 2.3 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.6 |
| Rubber & plastic products, NEC | 36.2 | 36.6 | 37.1 | 37.1 | 37.2. | 36.8 | 37.2 | 37.7 | 38.2 | 38.4 | 38.5 | 38.6 | 37.7 |
| Rubber & rubber products | 6.8 | 6.8 | 6.9 | 6.8 | 6.7 | 6.6 | 6.6 | 6.7 | 6.8 | 6.9 | 6.9 | 7.1 | 7.1 |
| Miscellaneous plastic products | 29.4 | 29.8 | 30.2 | 30.3 | 30.5 | 30.2 | 30.6 | 31.0 | 31.4 | 31.5 | 31.6 | 31.5 | 30.6 |
| Leather & Leather Products | 4.7 | 4.7 | 5.0 | 5.1 | 5.1 | 4.6 | 4.7 | 4.6 | 4.7 | 4.6 | 4.6 | 4.9 | 4.7 |
| Handbags, personal leather goods | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.7 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.5 |
| Other leather & leather products | 2.8 | 2.9 | 3.1 | 3.2 | 3.2 | 3.1 | 3.2 | 3.1 | 3.2 | 3.1 | 3.1 | 3.3 | 3.2 |
| NONMANUFACTURING | 2491.8 | 2473.2 | 2466.6 | 2472.9 | 2484.9 | 2495.7 | 2450.1 | 2446.5 | 2465.8 | 2502.9 | 2529.8 | 2576.9 | 2576.0 |
| Mining | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.8 | 1.8 | 1.8 | 2.0 | 2.0 | 2.0 | 2.0 |
| Construction | 119.8 | 121.7 | 121.2 | 123.1 | 122.9 | 121.8 | 111.7 | 110.0 | 113.4 | 122.4 | 126.5 | 133.7 | 135.1 |
| Transportation, Communications, Electric, Gas & Sanitary Serv. | 202.9 | 189.1 | 206.6 | 206.5 | 207.1 | 205.8 | 205.1 | 206.2 | 207.4 | 207.5 | 208.1 | 210.2 | 207.5 |
| Railroad transportation | 6.3 | 6.7 | 6.6 | 6.5 | 6.9 | 6.7 | 5.9 | 6.1 | 6.3 | 6.3 | 6.3 | 6.3 | 6.2 |
| Other transportation | 110.3 | 111.6 | 115.4 | 115.0 | 115.0 | 113.9 | 114.0 | 114.9 | 116.1 | 116.3 | 116.8 | 117.9 | 114.5 |
| Communications | 58.6 | 43.3 | 57.3 | 57.5 | 57.7 | 57.6 | 57.6 | 57.6 | 57.4 | 57.2 | 57.1 | 57.7 | 58.1 |
| Electric, Gas & Sanitary serv. | 27.8 | 27.6 | 27.3 | 27.5 | 27.5 | 27.6 | 27.6 | 27.6 | 27.6 | 27.7 | 27.9 | 28.3 | 28.7 |
| Wholesale & Retail Trade | 744.3 | 743.5 | 743.3 | 737.2 | 746.9 | 761.7 | 739.0 | 732.0 | 736.7 | 753.0 | 764.4 | 782.6 | 784.1 |
| Wholesale trade | 223.9 | 224.1 | 224.6 | 225.4 | 225.3 | 226.5 | 226.4 | 227.0 | 228.1 | 230.1 | 230.3 | 233.5 | 234.9 |
| Retail trade | 520.4 | 519.5 | 518.7 | 511.8 | 521.6 | 535.2 | 512.6 | 505.0 | 508.6 | 522.9 | 534.1 | 549.1 | 549.2 |
| Retail general merchandise | 70.2 | 70.3 | 71.5 | 73.8 | 82.7 | 91.0 | 83.2 | 79.0 | 79.0 | 79.5 | 80.0 | 81.0 | 81.2 |
| Food stores | 89.5 | 89.2 | 89.5 | 89.8 | 90.6 | 90.8 | 90.7 | 90.8 | 90.7 | 92.2 | 93.0 | 94.4 | 95.4 |
| Auto dealers & service sta. | 50.3 | 50.3 | 50.2 | 50.3 | 50.2 | 50.3 | 50.4 | 50.3 | 50.5 | 51.9 | 52.5 | 53.2 | 53.6 |
| Apparel & accessories | 44.1 | 43.8 | 44.5 | 44.6 | 45.7 | 47.9 | 44.2 | 43.0 | 42.7 | 43.8 | 43.8 | 44.3 | 44.2 |
| Eating & drinking places | 157.5 | 157.3 | 153.5 | 142.8 | 139.7 | 139.1 | 134.3 | 133.7 | 137.3 | 145.6 | 153.7 | 163.5 | 162.8 |
| Other retail trade | 108.9 | 108.7 | 109.4 | 110.4 | 112.8 | 116.1 | 109.8 | 108.2 | 108.4 | 109.9 | 111.1 | 112.7 | 112.0 |
| Finance, Insurance & Real Estate | 176.0 | 176.0 | 174.0 | 173.6 | 173.6 | 174.1 | 173.8 | 173.4 | 174.5 | 175.5 | 176.2 | 179.4 | 180.8 |
| Banking | 48.0 | 48.0 | 47.3 | 47.5 | 47.5 | 47.9 | 47.9 | 47.6 | 47.8 | 47.9 | 48.2 | 49.4 | 49.7 |
| Insurance agents & carriers | 70.0 | 70.0 | 69.7 | 69.8 | 69.7 | 69.9 | 69.9 | 69.9 | 70.2 | 70.3 | 70.1 | 70.5 | 70.5 |
| Other fin., insur. & real estate | 57.9 | 58.0 | 56.9 | 56.3 | 56.3 | 56.3 | 56.0 | 55.9 | 56.5 | 57.3 | 57.9 | 59.5 | 60.6 |
| Services | 716.4 | 716.3 | 704.3 | 700.4 | 696.6 | 694.3 | 687.3 | 688.0 | 694.5 | 705.6 | 715.2 | 729.3 | 736.7 |
| Medical & other health services | 190.8 | 192.0 | 191.4 | 192.6 | 192.4 | 192.6 | 193.5 | 193.3 | 193.5 | 194.0 | 194.2 | 196.0 | 196.8 |
| Hospitals | 103.2 | 103.4 | 102.9 | 103.4 | 103.2 | 103.0 | 103.4 | 103.3 | 103.5 | 103.4 | 103.5 | 104.8 | 105.5 |
| Educational services | 42.3 | 41.9 | 45.3 | 48.5 | 48.4 | 47.9 | 47.0 | 47.6 | 48.5 | 48.7 | 48.1 | 46.2 | 43.3 |
| Other services | 483.3 | 482.3 | 467.6 | 459.3 | 455.8 | 453.8 | 446.8 | 447.1 | 452.5 | 462.9 | 472.9 | 487.1 | 496.6 |
| Casinos | 32.9 | 33.0 | 32.3 | 31.9 | 31.7 | 31.1 | 31.1 | 31.0 | 31.3 | 32.2 | 36.2 | 38.1 | 38.6 |
| Government | 530.4 | 524.6 | 515.2 | 530.1 | 535.9 | 535.9 | 531.4 | 535.1 | 537.5 | 536.9 | 535.4 | 539.7 | 529.8 |
| Federal | 72.8 | 72.4 | 71.6 | 72.4 | 72.5 | 73.0 | 72.5 | 72.4 | 72.4 | 72.7 | 73.2 | 73.8 | 74.3 |
| Local | 356.3 | 350.8 | 340.7 | 353.0 | 357.3 | 358.2 | 356.0 | 357.5 | 359.1 | 358.8 | 357.6 | 361.8 | 353.3 |
| State* | 101.2 | 101.4 | 102.9 | 104.6 | 106.2 | 104.8 | 102.9 | 105.2 | 106.0 | 105.4 | 104.6 | 104.1 | 102.2 |
| Exec.-Leg.Jud.(Full-time only)** | 64.7 | 63.8 | 66.0 | 66.4 | 66.9 | 67.4 | 67.3 | 67.4 | 67.9 | 68.0 | 68.1 | 68.5 | 65.6 |
| Other | 31.4 | 30.9 | 30.7 | 32.5 | 33.4 | 31.9 | 30.8 | 31.5 | 31.7 | 31.1 | 30.5 | 30.3 | 31.8 |

* The total number of state employees reported under this heading is determined on the basis of a definition developed by the U.S. Bureau of Labor Statistics which is standardized throughout the nation. The definition includes both full-time and part-time workers in the executive departments, the legislature, and the judiciary, as well as all employees of authorities, commissions, the state university, and other agencies not included on the central state payroll.

** This sub-category of state government employment is limited to full-time employees of the executive departments, the legislature and the judiciary. The figures are based on the central state payroll and are provided by the Department of Treasury.

NEW JERSEY'S NONFARM PAYROLL WORKERS BY MAJOR INDUSTRIES, 1958-1983
(thousands)

| Year | Total Nonfarm Payrolls | Manufacturing | Nonmanufacturing | Mining | Contract Construction | Transport. Comm., & Pub. Util. | Trade | Finance Insurance & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | 1,911.8 | 776.0 | 1,135.8 | 3.7 | 88.9 | 148.2 | 351.0 | 86.4 | 230.5 | 227.0 |
| 1959 | 1,970.9 | 801.9 | 1,169.0 | 3.6 | 96.3 | 147.0 | 360.3 | 86.7 | 241.6 | 233.5 |
| 1960 | 2,017.1 | 808.8 | 1,208.3 | 3.5 | 98.7 | 149.5 | 374.5 | 88.0 | 252.0 | 242.2 |
| 1961 | 2,033.6 | 791.5 | 1,242.0 | 3.4 | 100.0 | 150.1 | 380.1 | 90.6 | 264.2 | 253.6 |
| 1962 | 2,095.8 | 812.8 | 1,283.1 | 3.4 | 101.3 | 150.8 | 393.1 | 92.8 | 278.9 | 262.8 |
| 1963 | 2,129.4 | 809.4 | 1,320.0 | 3.5 | 101.2 | 151.9 | 405.3 | 94.5 | 291.5 | 272.1 |
| 1964 | 2,168.7 | 806.7 | 1,362.0 | 3.6 | 106.8 | 153.4 | 420.0 | 96.6 | 301.6 | 280.0 |
| 1965 | 2,259.0 | 837.5 | 1,421.6 | 3.5 | 110.6 | 157.0 | 438.5 | 98.6 | 315.6 | 295.4 |
| 1966 | 2,359.1 | 879.3 | 1,479.9 | 3.0 | 111.2 | 162.2 | 459.6 | 101.0 | 330.8 | 312.0 |
| 1967 | 2,421.5 | 882.8 | 1,538.8 | 2.8 | 112.2 | 166.3 | 472.0 | 104.7 | 351.6 | 329.2 |
| 1968 | 2,485.2 | 885.3 | 1,599.8 | 3.1 | 115.6 | 166.3 | 489.5 | 108.4 | 372.6 | 344.4 |
| 1969 | 2,569.6 | 892.5 | 1,677.1 | 3.3 | 118.1 | 176.2 | 514.9 | 111.3 | 393.2 | 360.1 |
| 1970 | 2,606.2 | 860.7 | 1,745.5 | 3.2 | 120.4 | 182.2 | 538.0 | 116.5 | 410.4 | 374.8 |
| 1971 | 2,607.6 | 818.3 | 1,789.4 | 3.0 | 117.6 | 181.1 | 558.3 | 120.4 | 421.0 | 388.0 |
| 1972 | 2,674.4 | 823.3 | 1,851.1 | 3.2 | 121.6 | 181.2 | 577.3 | 124.6 | 437.9 | 405.3 |
| 1973 | 2,760.8 | 842.6 | 1,918.2 | 3.3 | 126.8 | 186.4 | 596.9 | 131.0 | 456.8 | 417.1 |
| 1974 | 2,783.4 | 825.9 | 1,957.5 | 3.2 | 118.7 | 185.8 | 603.5 | 136.5 | 469.9 | 439.9 |
| 1975 | 2,699.9 | 747.9 | 1,952.0 | 2.8 | 99.2 | 174.3 | 599.3 | 135.2 | 471.1 | 470.2 |
| 1976 | 2,753.7 | 756.2 | 1,997.5 | 2.7 | 93.9 | 176.0 | 618.5 | 138.0 | 488.0 | 480.5 |
| 1977 | 2,836.9 | 767.3 | 2,069.6 | 2.9 | 94.9 | 178.2 | 637.3 | 142.9 | 509.8 | 504.0 |
| 1978 | 2,961.9 | 786.8 | 2,175.1 | 2.6 | 105.3 | 188.5 | 665.9 | 147.7 | 542.2 | 523.0 |
| 1979 | 3,027.2 | 799.1 | 2,228.1 | 2.6 | 113.7 | 190.4 | 678.6 | 153.9 | 571.0 | 517.8 |
| 1980 | 3,060.4 | 781.0 | 2,279.4 | 2.4 | 111.2 | 194.5 | 680.3 | 158.1 | 603.1 | 529.7 |
| 1981 | 3,098.1 | 770.7 | 2,327.4 | 2.3 | 108.7 | 196.5 | 690.6 | 161.8 | 638.5 | 529.0 |
| 1982 | 3,090.5 | 727.6 | 2,362.9 | 2.1 | 107.3 | 197.1 | 701.2 | 167.1 | 662.1 | 526.0 |
| 1983 | 3,148.8 | 712.1 | 2,436.6 | 2.0 | 112.1 | 201.3 | 728.3 | 172.3 | 692.4 | 528.2 |

| | Durable Goods | Lumber & Wood* | Furniture & Fixtures* | Stone, Clay & Glass | Primary Metals | Fabricated Metals | Nonelectrical Mach. | Electrical Machinery | Transport. Equipment | Instruments* | Misc. Mfg. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | 412.5 | 5.6 | 8.7 | 31.9 | 40.9 | 51.5 | 57.0 | 115.0 | 48.7 | 27.4 | 25.8 |
| 1959 | 431.1 | 5.9 | 9.2 | 33.1 | 41.7 | 54.3 | 57.8 | 121.4 | 50.5 | 30.2 | 27.0 |
| 1960 | 436.8 | 5.7 | 9.8 | 33.7 | 42.6 | 54.8 | 61.0 | 122.3 | 48.5 | 31.7 | 26.8 |
| 1961 | 421.9 | 5.6 | 9.0 | 34.4 | 40.7 | 54.2 | 57.3 | 119.5 | 41.7 | 31.9 | 27.6 |
| 1962 | 436.3 | 5.8 | 9.7 | 34.6 | 40.1 | 56.1 | 60.3 | 125.2 | 42.5 | 32.4 | 29.9 |
| 1963 | 426.0 | 5.7 | 8.9 | 34.9 | 38.6 | 55.7 | 60.1 | 121.7 | 39.0 | 32.9 | 28.7 |
| 1964 | 419.1 | 5.6 | 9.0 | 35.6 | 37.9 | 57.2 | 61.4 | 115.1 | 35.6 | 31.0 | 30.7 |
| 1965 | 438.7 | 5.6 | 9.4 | 36.9 | 39.8 | 60.8 | 65.4 | 118.4 | 36.8 | 32.7 | 32.9 |
| 1966 | 463.4 | 5.2 | 10.5 | 39.3 | 40.4 | 64.7 | 70.8 | 129.9 | 36.4 | 34.3 | 31.9 |
| 1967 | 464.6 | 5.0 | 11.0 | 39.1 | 38.6 | 66.2 | 75.0 | 131.1 | 32.0 | 36.5 | 30.0 |
| 1968 | 460.9 | 5.3 | 10.2 | 38.8 | 38.5 | 67.5 | 75.8 | 127.6 | 31.7 | 35.8 | 29.7 |
| 1969 | 463.3 | 5.2 | 11.0 | 40.9 | 39.4 | 69.8 | 76.2 | 124.5 | 31.4 | 34.7 | 30.2 |
| 1970 | 434.3 | 4.9 | 10.5 | 39.6 | 37.2 | 67.0 | 72.8 | 115.2 | 26.3 | 33.2 | 27.5 |
| 1971 | 404.6 | 4.5 | 10.6 | 39.0 | 33.3 | 62.9 | 66.3 | 104.6 | 25.2 | 32.4 | 25.6 |
| 1972 | 405.9 | 5.1 | 10.8 | 39.9 | 31.8 | 63.5 | 65.8 | 102.9 | 25.7 | 35.1 | 25.2 |
| 1973 | 420.5 | 5.3 | 10.6 | 40.8 | 32.0 | 66.2 | 72.1 | 108.1 | 25.3 | 34.4 | 25.9 |
| 1974 | 413.2 | 5.0 | 10.3 | 40.5 | 31.2 | 64.4 | 76.1 | 105.1 | 21.1 | 33.9 | 25.6 |
| 1975 | 363.0 | 4.6 | 8.9 | 36.0 | 26.1 | 58.1 | 68.4 | 88.1 | 19.3 | 31.2 | 22.4 |
| 1976 | 363.0 | 5.3 | 8.7 | 36.1 | 23.9 | 59.4 | 67.5 | 86.8 | 19.8 | 31.3 | 24.0 |
| 1977 | 370.0 | 5.8 | 8.9 | 35.1 | 23.0 | 61.1 | 71.0 | 87.9 | 20.7 | 32.0 | 24.5 |
| 1978 | 382.8 | 6.0 | 10.0 | 35.2 | 24.5 | 64.1 | 74.2 | 89.8 | 20.9 | 32.3 | 25.7 |
| 1979 | 395.9 | 6.7 | 10.3 | 35.3 | 25.5 | 64.5 | 76.4 | 92.9 | 21.6 | 35.6 | 27.1 |
| 1980 | 384.3 | 5.9 | 9.7 | 33.1 | 25.7 | 60.8 | 75.1 | 92.2 | 18.5 | 37.2 | 26.1 |
| 1981 | 374.2 | 6.1 | 9.6 | 30.9 | 25.4 | 58.8 | 72.5 | 91.1 | 17.5 | 37.1 | 25.3 |
| 1982 | 348.0 | 5.5 | 9.9 | 27.1 | 21.8 | 54.3 | 66.5 | 88.8 | 14.7 | 35.7 | 23.6 |
| 1983 | 338.7 | 6.0 | 10.3 | 26.7 | 20.5 | 51.9 | 61.7 | 89.1 | 14.3 | 34.6 | 23.6 |

| | Nondurable Goods | Food | Tobacco | Textiles | Apparel | Paper | Printing & Publishing | Chemicals | Petroleum | Rubber & Plastics* | Leather |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | 363.6 | 62.9 | 1.9 | 33.0 | 76.7 | 28.0 | 30.3 | 80.8 | 12.2 | 26.6 | 11.1 |
| 1959 | 370.8 | 62.3 | 1.8 | 33.2 | 79.2 | 28.3 | 31.5 | 82.4 | 11.8 | 29.3 | 11.1 |
| 1960 | 372.0 | 62.9 | 1.7 | 31.4 | 77.7 | 28.0 | 32.3 | 86.4 | 11.5 | 29.2 | 11.0 |
| 1961 | 369.6 | 63.9 | 1.6 | 29.1 | 76.4 | 28.1 | 32.6 | 87.0 | 11.1 | 29.2 | 10.8 |
| 1962 | 376.5 | 64.2 | 1.5 | 28.6 | 75.8 | 29.7 | 33.0 | 91.0 | 10.7 | 30.7 | 11.5 |
| 1963 | 383.4 | 64.9 | 1.4 | 27.9 | 74.5 | 31.4 | 34.6 | 94.8 | 10.5 | 31.7 | 11.7 |
| 1964 | 387.6 | 65.0 | 1.5 | 27.8 | 74.6 | 31.5 | 35.8 | 96.4 | 9.7 | 34.2 | 11.2 |
| 1965 | 398.8 | 66.4 | 1.4 | 28.5 | 77.3 | 31.3 | 37.5 | 98.9 | 9.8 | 36.0 | 11.5 |
| 1966 | 415.9 | 67.2 | 0.8 | 29.6 | 80.3 | 33.0 | 39.6 | 105.5 | 10.5 | 37.2 | 12.2 |
| 1967 | 418.1 | 65.3 | 0.6 | 29.1 | 78.5 | 33.7 | 41.5 | 110.9 | 9.6 | 37.7 | 11.3 |
| 1968 | 424.5 | 64.5 | 0.3 | 30.5 | 78.7 | 34.3 | 42.2 | 113.1 | 9.7 | 39.9 | 11.5 |
| 1969 | 429.2 | 63.2 | 0.3 | 30.8 | 77.2 | 35.0 | 43.3 | 117.4 | 10.0 | 41.4 | 10.6 |
| 1970 | 426.4 | 63.5 | 0.3 | 29.6 | 72.3 | 35.3 | 44.8 | 120.9 | 10.1 | 40.0 | 9.6 |
| 1971 | 413.7 | 61.8 | 0.3 | 29.4 | 69.8 | 35.9 | 43.8 | 117.5 | 10.1 | 36.8 | 9.5 |
| 1972 | 417.4 | 59.8 | 0.3 | 30.5 | 68.9 | 35.9 | 46.0 | 119.3 | 10.6 | 37.2 | 8.9 |
| 1973 | 422.1 | 58.7 | 0.2 | 31.3 | 68.7 | 36.8 | 46.9 | 124.1 | 10.9 | 35.5 | 9.0 |
| 1974 | 412.7 | 56.7 | 0.2 | 28.8 | 63.1 | 35.4 | 47.8 | 126.6 | 11.8 | 34.0 | 8.4 |
| 1975 | 384.9 | 53.6 | 0.2 | 24.5 | 57.9 | 32.1 | 46.4 | 121.0 | 12.1 | 29.3 | 7.9 |
| 1976 | 393.2 | 52.7 | 0.2 | 23.9 | 61.1 | 33.2 | 47.4 | 122.4 | 11.9 | 32.0 | 8.3 |
| 1977 | 397.3 | 50.2 | 0.3 | 22.8 | 59.7 | 33.4 | 49.7 | 127.2 | 11.9 | 34.2 | 7.9 |
| 1978 | 404.0 | 49.9 | 0.5 | 22.4 | 59.3 | 33.7 | 51.7 | 130.0 | 11.9 | 37.3 | 7.3 |
| 1979 | 403.3 | 49.5 | 0.4 | 21.5 | 56.5 | 33.9 | 54.3 | 129.6 | 11.9 | 38.8 | 6.9 |
| 1980 | 396.8 | 49.3 | 0.4 | 20.2 | 55.7 | 32.3 | 55.4 | 128.2 | 12.0 | 37.4 | 5.9 |
| 1981 | 396.4 | 48.1 | 0.3 | 19.0 | 56.1 | 31.3 | 57.7 | 128.9 | 11.8 | 37.3 | 5.9 |
| 1982 | 379.6 | 47.2 | 0.3 | 16.6 | 50.4 | 30.6 | 57.7 | 124.5 | 11.2 | 36.1 | 5.1 |
| 1983 | 373.4 | 47.6 | 0.2 | 15.5 | 50.5 | 31.2 | 57.6 | 119.8 | 10.1 | 36.2 | 4.8 |

*Data from 1972 forward are not precisely comparable with earlier figures because of SIC revisions. The revisions caused noticeable changes between the original and revised 1972 averages such as lumber (+700), furniture (-500), rubber (+2,000), and instruments (+3,000).

AVERAGE GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjusted)

| | 1983 Jul | Aug | Sep | Oct | Nov | Dec | 1984 Jan | Feb | Mar | Apr | May | Jun | Jul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL MANUFACTURING | 370.17 | 373.51 | 376.98 | 378.22 | 382.63 | 387.30 | 381.07 | 383.57 | 381.71 | 383.35 | 382.94 | 393.98 | 382.94 |
| Durable Goods | 375.97 | 377.80 | 385.73 | 387.90 | 391.53 | 396.77 | 389.46 | 394.70 | 390.62 | 392.92 | 392.40 | 394.70 | 390.21 |
| Lumber & Wood Products | 243.49 | 241.39 | 249.07 | 258.26 | 232.32 | 242.59 | 232.64 | 239.94 | 230.95 | 241.74 | 244.73 | 243.43 | 257.89 |
| Furniture & Fixtures* | 306.00 | 307.40 | 306.82 | 307.84 | 298.89 | 296.74 | 288.32 | 286.13 | 289.56 | 296.45 | 303.02 | 299.13 | 315.19 |
| Stone, Clay & Glass Products | 392.81 | 396.02 | 397.03 | 399.50 | 410.13 | 408.75 | 399.42 | 402.70 | 407.26 | 409.92 | 417.85 | 416.56 | 421.83 |
| Glass & Glassware/pressed,blown | 407.21 | 408.16 | 403.43 | 409.16 | 414.81 | 418.73 | 410.66 | 412.68 | 420.23 | 424.54 | 434.58 | 435.16 | 451.00 |
| Pottery & related products | 340.66 | 329.86 | 358.18 | 366.62 | 369.55 | 381.63 | 373.03 | 383.57 | 386.24 | 369.87 | 375.71 | 363.33 | 357.22 |
| Primary Metal Industries | 392.54 | 392.90 | 392.35 | 402.75 | 404.11 | 416.36 | 391.98 | 407.53 | 394.32 | 404.49 | 398.61 | 398.79 | 408.16 |
| Blast furn. & basic steel pro. | 449.81 | 426.83 | 437.07 | 441.77 | 434.64 | 461.70 | 453.38 | 472.88 | 455.79 | 480.69 | 460.28 | 443.61 | 466.76 |
| Iron & steel foundries | 378.31 | 394.31 | 383.72 | 398.41 | 410.70 | 399.81 | 401.21 | 405.65 | 414.84 | 420.20 | 422.76 | 423.58 | 417.69 |
| Primary & secondary nonfer. met* | 599.42 | 602.48 | 605.49 | 609.77 | 619.00 | 648.80 | 624.01 | 643.06 | 584.80 | 595.38 | 585.66 | 591.56 | 592.07 |
| Nonfer. rolling & drawing metals | 323.16 | 335.62 | 331.80 | 344.37 | 349.67 | 358.75 | 329.43 | 348.23 | 343.21 | 345.24 | 340.65 | 344.63 | 351.22 |
| Fabricated Metals, incl. Ordnance | 379.35 | 385.31 | 391.53 | 396.44 | 404.27 | 407.46 | 409.28 | 406.62 | 398.58 | 396.90 | 400.90 | 392.92 | 389.90 |
| Metal cans* | 396.07 | 407.27 | 409.08 | 415.49 | 415.83 | 412.34 | 412.55 | 398.35 | 407.63 | 404.67 | 412.98 | 424.77 | 441.44 |
| Cutlery, hand tools & hardware | 508.38 | 493.58 | 490.73 | 505.20 | 552.57 | 543.02 | 580.73 | 558.41 | 518.74 | 534.25 | 543.58 | 505.36 | 529.05 |
| Fabricated struct. metal prod.* | 348.97 | 356.97 | 365.40 | 375.29 | 376.99 | 387.49 | 384.55 | 384.13 | 383.68 | 370.64 | 383.66 | 376.28 | 368.50 |
| Metal Stampings | 373.18 | 376.47 | 375.07 | 374.10 | 382.41 | 387.09 | 381.23 | 370.94 | 373.82 | 368.42 | 370.00 | 380.15 | 375.09 |
| Machinery, Except Electrical | 395.09 | 399.08 | 410.62 | 411.60 | 414.96 | 430.43 | 422.52 | 430.84 | 424.58 | 423.95 | 423.61 | 426.30 | 426.12 |
| Construction & related machinery | 380.83 | 381.10 | 364.00 | 363.65 | 386.56 | 405.60 | 362.52 | 380.44 | 383.57 | 387.87 | 386.88 | 389.21 | 396.47 |
| Metalworking machinery | 415.80 | 412.26 | 426.81 | 423.27 | 440.51 | 464.10 | 455.68 | 458.93 | 451.99 | 469.34 | 460.27 | 462.60 | 461.91 |
| Special industry machinery | 406.16 | 423.00 | 446.42 | 456.79 | 449.82 | 462.93 | 467.83 | 468.85 | 466.14 | 434.92 | 460.96 | 466.08 | 465.59 |
| General industry machinery | 414.92 | 408.41 | 422.47 | 431.28 | 435.20 | 436.30 | 423.85 | 436.90 | 420.68 | 427.13 | 425.12 | 429.09 | 441.18 |
| Service industry machinery* | 381.10 | 389.34 | 388.31 | 384.37 | 368.05 | 368.40 | 379.75 | 380.40 | 367.06 | 370.51 | 376.20 | 384.31 | 378.50 |
| Electrical Equipment & Supplies | 370.37 | 371.37 | 374.18 | 375.24 | 381.97 | 387.16 | 386.37 | 388.83 | 382.03 | 379.45 | 381.92 | 381.51 | 380.18 |
| Elec. test & distribution equip* | 296.95 | 304.92 | 301.49 | 301.86 | 320.29 | 325.07 | 306.18 | 297.75 | 310.86 | 311.83 | 307.94 | 308.80 | 293.93 |
| Elec lighting & wiring equip | 294.92 | 286.00 | 292.93 | 290.24 | 299.30 | 303.46 | 298.22 | 307.65 | 310.25 | 318.43 | 312.98 | 315.82 | 308.86 |
| Radio & TV receiving equipment | 311.65 | 323.08 | 337.93 | 341.97 | 352.54 | 344.00 | 324.36 | 330.72 | 322.82 | 329.54 | 336.80 | 330.59 | 333.22 |
| Communication equipment | 471.66 | 471.79 | 472.21 | 475.73 | 479.54 | 478.84 | 501.50 | 515.66 | 499.38 | 485.61 | 490.79 | 488.36 | 495.96 |
| Electronic components & access. | 294.00 | 298.54 | 303.40 | 291.85 | 305.78 | 308.32 | 305.42 | 301.95 | 293.49 | 292.74 | 301.25 | 308.25 | 301.44 |
| Transportation Equipment | 490.28 | 493.68 | 539.18 | 549.75 | 527.03 | 536.35 | 481.65 | 514.52 | 539.50 | 556.38 | 522.86 | 582.75 | 482.72 |
| Motor vehicles & equipment | 517.92 | 524.02 | 579.91 | 591.36 | 565.94 | 578.14 | 533.41 | 575.52 | 605.54 | 628.83 | 586.96 | 646.82 | 501.41 |
| Instruments & Related Products | 387.03 | 392.09 | 399.49 | 397.17 | 401.86 | 407.53 | 403.27 | 401.88 | 405.25 | 413.76 | 408.12 | 413.09 | 413.47 |
| Miscellaneous Mfg. Industries | 288.29 | 290.72 | 299.26 | 295.54 | 300.53 | 293.13 | 301.32 | 304.29 | 298.80 | 300.15 | 300.25 | 301.49 | 299.39 |
| Nondurable Goods | 364.91 | 369.24 | 369.65 | 368.65 | 374.64 | 377.40 | 373.18 | 373.93 | 373.30 | 375.72 | 374.51 | 374.74 | 376.65 |
| Food & Kindred Products | 406.07 | 405.00 | 400.57 | 406.23 | 409.91 | 409.60 | 404.78 | 417.91 | 408.65 | 409.05 | 406.63 | 415.52 | 410.06 |
| Canned, cured & frozen foods | 381.07 | 401.34 | 404.97 | 397.80 | 387.62 | 404.50 | 413.86 | 389.06 | 388.14 | 393.30 | 391.56 | 397.93 | 377.10 |
| Grain mill & bakery products | 361.82 | 360.45 | 365.31 | 362.56 | 375.33 | 376.16 | 380.87 | 412.30 | 420.85 | 409.21 | 406.58 | 423.12 | 419.36 |
| Beverages | 598.32 | 558.96 | 524.52 | 518.62 | 518.99 | 534.21 | 461.35 | 503.06 | 488.93 | 535.79 | 507.22 | 511.50 | 513.13 |
| Textile Mill Products | 316.09 | 330.33 | 329.73 | 325.16 | 323.25 | 326.78 | 314.58 | 325.74 | 326.75 | 327.00 | 322.34 | 325.36 | 321.96 |
| Apparel & Other Textile Products | 208.69 | 208.89 | 210.26 | 212.10 | 211.56 | 207.40 | 205.36 | 205.10 | 207.47 | 205.97 | 207.26 | 206.86 | 205.97 |
| Men's and boys' suits & coats | 200.72 | 197.82 | 206.49 | 205.41 | 214.60 | 213.55 | 191.48 | 202.00 | 198.55 | 200.93 | 196.80 | 195.71 | 192.92 |
| Men's & boys' furnishings | 182.57 | 194.47 | 197.30 | 203.82 | 201.49 | 195.51 | 196.56 | 205.91 | 207.51 | 215.16 | 214.76 | 223.28 | 215.52 |
| Women's & children's undergarm. | 214.13 | 224.08 | 240.42 | 244.63 | 241.14 | 226.80 | 227.47 | 239.03 | 247.68 | 242.64 | 231.70 | 218.69 | 218.42 |
| Paper & Allied Products | 400.33 | 411.01 | 410.47 | 418.69 | 421.36 | 422.75 | 421.88 | 421.00 | 422.14 | 415.15 | 416.88 | 425.83 | 421.71 |
| Paperboard containers & boxes | 369.67 | 382.81 | 388.06 | 392.93 | 404.55 | 392.86 | 375.78 | 397.27 | 389.05 | 387.54 | 377.04 | 397.06 | 402.52 |
| Printing & Publishing* | 364.45 | 371.93 | 376.99 | 362.87 | 362.09 | 368.28 | 365.10 | 367.30 | 359.44 | 365.82 | 369.26 | 364.91 | 366.00 |
| Newspapers | 369.87 | 375.59 | 383.04 | 386.62 | 402.21 | 402.96 | 387.55 | 386.18 | 377.88 | 396.72 | 390.95 | 394.45 | 398.91 |
| Commercial printing* | 410.25 | 417.13 | 420.58 | 397.17 | 383.23 | 387.00 | 373.75 | 389.99 | 361.09 | 385.02 | 391.14 | 381.24 | 382.99 |
| Chemicals & Allied Products | 445.59 | 454.54 | 457.52 | 457.95 | 471.97 | 473.86 | 469.03 | 467.50 | 469.63 | 476.27 | 479.83 | 478.67 | 479.97 |
| Industrial inorganic chemicals* | 497.04 | 482.35 | 483.78 | 488.49 | 509.97 | 509.33 | 496.93 | 489.05 | 505.04 | 503.43 | 510.19 | 525.70 | 504.56 |
| Plastic materials & synthetics | 467.14 | 480.65 | 457.96 | 465.70 | 495.87 | 466.31 | 480.34 | 472.36 | 486.18 | 498.39 | 500.41 | 498.18 | 506.90 |
| Drugs* | 417.99 | 431.38 | 435.96 | 436.60 | 441.21 | 448.36 | 429.51 | 435.12 | 428.68 | 449.40 | 448.78 | 441.41 | 441.41 |
| Soaps, cleaners & toilet goods* | 394.06 | 407.96 | 405.49 | 416.73 | 439.88 | 449.79 | 438.18 | 412.51 | 402.93 | 403.19 | 401.49 | 394.81 | 415.60 |
| Paints and allied products* | 422.77 | 431.54 | 449.45 | 424.27 | 435.74 | 433.56 | 427.46 | 436.46 | 443.16 | 455.52 | 465.31 | 454.67 | 447.43 |
| Industrial organic chemicals | 510.04 | 509.64 | 527.94 | 513.36 | 528.75 | 527.92 | 536.36 | 545.71 | 553.39 | 555.48 | 564.61 | 573.34 | 569.81 |
| Petroleum & Coal Products* | 637.26 | 632.53 | 624.14 | 623.89 | 658.16 | 630.24 | 627.66 | 617.40 | 631.79 | 640.22 | 641.02 | 645.77 | 671.89 |
| Petroleum refining* | 675.21 | 671.53 | 658.67 | 664.02 | 703.13 | 672.99 | 680.21 | 662.58 | 684.13 | 689.04 | 688.54 | 701.32 | 726.63 |
| Rubber & Plastic Products | 305.72 | 312.42 | 320.21 | 318.02 | 323.17 | 324.59 | 313.33 | 319.50 | 312.66 | 317.34 | 312.83 | 318.19 | 325.46 |
| Rubber and rubber products* | 338.89 | 346.52 | 347.32 | 345.69 | 366.21 | 372.30 | 371.49 | 370.65 | 358.68 | 355.31 | 347.62 | 350.49 | 351.78 |
| Miscellaneous plastic products | 298.74 | 305.76 | 315.03 | 312.15 | 314.16 | 315.17 | 301.67 | 309.40 | 303.99 | 309.44 | 305.95 | 311.54 | 319.60 |
| Leather & Leather Products* | 222.71 | 232.11 | 226.73 | 220.44 | 211.23 | 213.71 | 210.56 | 211.63 | 221.60 | 220.70 | 218.44 | 231.66 | 236.23 |

Weekly earnings are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors.
* Data from 1983 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjusted)

| | 1983 Jul | Aug | Sep | Oct | Nov | Dec | 1984 Jan | Feb | Mar | Apr | May | Jun | Jul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL MANUFACTURING | 40.5 | 41.0 | 41.2 | 41.2 | 41.5 | 41.6 | 40.8 | 41.2 | 41.0 | 41.0 | 41.0 | 41.2 | 41.0 |
| Durable Goods | 41.0 | 41.2 | 41.7 | 41.8 | 42.1 | 42.3 | 41.3 | 41.9 | 41.6 | 41.8 | 41.7 | 41.9 | 41.6 |
| Lumber & Wood Products | 39.4 | 39.9 | 40.5 | 40.8 | 38.4 | 39.9 | 38.2 | 38.7 | 38.3 | 39.5 | 39.6 | 39.2 | 41.0 |
| Furniture & Fixtures* | 40.8 | 40.5 | 40.8 | 41.1 | 40.5 | 40.1 | 38.7 | 38.1 | 38.1 | 38.6 | 39.2 | 39.0 | 40.1 |
| Stone, Clay & Glass Products | 42.3 | 42.2 | 42.6 | 42.5 | 43.4 | 43.3 | 42.0 | 42.3 | 42.6 | 42.7 | 43.3 | 42.9 | 43.0 |
| Glass & glassware/pressed, blown | 43.0 | 43.1 | 42.2 | 42.4 | 43.3 | 43.8 | 42.6 | 42.5 | 43.1 | 43.1 | 44.3 | 44.0 | 45.1 |
| Pottery & related products | 38.8 | 38.4 | 40.2 | 40.2 | 40.3 | 41.8 | 39.6 | 41.2 | 40.7 | 39.9 | 39.8 | 38.9 | 38.2 |
| Primary Metal Industries | 42.3 | 42.8 | 42.6 | 43.4 | 43.5 | 44.2 | 41.7 | 43.4 | 42.4 | 43.4 | 43.0 | 43.3 | 43.7 |
| Blast furn. & basic steel prod. | 47.7 | 45.7 | 46.3 | 46.6 | 45.8 | 47.5 | 46.5 | 48.7 | 46.7 | 49.0 | 47.5 | 46.5 | 47.1 |
| Iron & Steel foundries | 41.3 | 43.0 | 42.4 | 43.4 | 44.4 | 43.6 | 42.1 | 42.7 | 42.9 | 44.0 | 43.9 | 44.4 | 44.2 |
| Primary & secondary nonfer. met* | 43.0 | 44.3 | 44.1 | 43.9 | 43.5 | 44.9 | 44.7 | 45.9 | 43.0 | 43.3 | 45.4 | 45.4 | 45.3 |
| Nonfer rolling & drawing metals | 40.7 | 42.7 | 42.0 | 43.1 | 43.6 | 44.4 | 39.5 | 41.7 | 41.4 | 42.0 | 41.9 | 42.6 | 43.2 |
| Fabricated Metals, incl. Ordnance | 41.1 | 41.7 | 42.1 | 42.4 | 42.6 | 42.8 | 42.5 | 42.4 | 42.0 | 42.0 | 42.2 | 41.8 | 41.7 |
| Metal cans* | 41.3 | 41.9 | 41.7 | 41.8 | 41.5 | 41.4 | 42.4 | 40.6 | 41.3 | 41.0 | 41.8 | 43.3 | 44.1 |
| Cutlery, hand tools & hardware | 42.4 | 41.9 | 41.1 | 42.1 | 44.1 | 43.2 | 44.5 | 43.9 | 41.4 | 42.2 | 42.5 | 40.3 | 41.3 |
| Fabricated struct. metal prod.* | 42.3 | 42.7 | 43.5 | 44.1 | 44.3 | 44.9 | 43.6 | 43.9 | 44.0 | 43.4 | 44.2 | 43.4 | 43.2 |
| Metal Stampings | 40.3 | 40.7 | 40.2 | 40.4 | 40.9 | 41.4 | 40.6 | 39.8 | 40.5 | 39.7 | 39.7 | 40.1 | 39.4 |
| Machinery, Except Electrical | 40.9 | 41.1 | 41.9 | 42.0 | 42.3 | 43.0 | 42.0 | 42.7 | 42.5 | 42.1 | 41.9 | 42.0 | 41.9 |
| Construction & related machinery | 40.3 | 40.5 | 38.6 | 38.4 | 40.1 | 41.6 | 38.0 | 39.1 | 39.3 | 39.7 | 40.3 | 40.5 | 41.0 |
| Metalworking machinery | 42.0 | 41.6 | 42.3 | 42.2 | 43.4 | 45.5 | 44.5 | 44.6 | 44.4 | 45.7 | 44.6 | 45.0 | 44.5 |
| Special industry machinery | 41.7 | 42.3 | 44.2 | 44.5 | 44.1 | 44.3 | 43.6 | 43.9 | 44.1 | 41.5 | 43.0 | 43.6 | 43.8 |
| General industry machinery | 41.0 | 40.8 | 41.5 | 42.2 | 42.5 | 42.4 | 42.3 | 43.3 | 41.9 | 42.5 | 42.3 | 42.4 | 43.0 |
| Service industry machinery* | 40.5 | 41.2 | 42.3 | 42.1 | 41.4 | 41.3 | 40.1 | 40.0 | 39.3 | 39.5 | 39.6 | 40.2 | 38.9 |
| Electrical Equipment & Supplies | 40.7 | 40.9 | 41.3 | 41.1 | 41.7 | 41.9 | 41.5 | 41.9 | 41.3 | 41.2 | 41.2 | 41.2 | 41.1 |
| Elec. test & distribution equip.* | 41.3 | 42.0 | 41.7 | 42.1 | 43.4 | 43.4 | 41.6 | 40.9 | 42.7 | 42.6 | 42.3 | 41.9 | 40.1 |
| Electric lighting & wiring equip. | 40.4 | 40.0 | 41.2 | 40.2 | 41.0 | 41.4 | 40.3 | 41.8 | 41.7 | 42.8 | 41.4 | 41.5 | 40.8 |
| Radio & TV receiving equipment | 39.4 | 41.0 | 42.4 | 42.8 | 44.4 | 43.0 | 40.8 | 42.4 | 41.6 | 41.4 | 42.1 | 41.9 | 41.6 |
| Communication equipment | 42.0 | 41.9 | 41.9 | 42.1 | 42.4 | 42.3 | 42.9 | 43.7 | 42.5 | 41.7 | 42.2 | 42.1 | 42.5 |
| Electronic components & access. | 39.2 | 39.7 | 40.4 | 39.6 | 40.8 | 41.0 | 40.4 | 40.3 | 39.5 | 39.4 | 39.9 | 40.4 | 40.3 |
| Transportation Equipment | 41.2 | 40.8 | 43.1 | 43.7 | 42.4 | 42.5 | 39.0 | 40.9 | 41.5 | 42.7 | 41.3 | 45.0 | 39.6 |
| Motor vehicles & equipment | 41.6 | 41.1 | 44.1 | 44.8 | 43.4 | 43.6 | 41.0 | 43.6 | 44.2 | 45.8 | 44.0 | 46.5 | 38.6 |
| Instruments & Related Products | 40.4 | 40.8 | 41.1 | 41.2 | 41.6 | 42.1 | 40.9 | 40.8 | 41.1 | 41.5 | 41.1 | 41.6 | 41.1 |
| Miscellaneous Mfg. Industries | 39.6 | 40.1 | 40.4 | 40.1 | 41.0 | 40.1 | 39.7 | 41.4 | 41.1 | 41.4 | 41.3 | 41.3 | 40.9 |
| Nondurable Goods | 40.1 | 40.8 | 40.8 | 40.6 | 40.9 | 40.8 | 40.3 | 40.6 | 40.4 | 40.4 | 40.4 | 40.6 | 40.5 |
| Food & Kindred Products | 41.1 | 41.2 | 41.0 | 41.2 | 41.7 | 41.5 | 40.6 | 41.5 | 40.5 | 40.5 | 40.3 | 41.1 | 40.6 |
| Canned, cured & frozen food | 42.2 | 44.2 | 45.4 | 44.2 | 43.7 | 44.5 | 43.2 | 41.7 | 40.9 | 41.4 | 41.7 | 43.3 | 41.9 |
| Grain mill & bakery products | 40.7 | 40.5 | 41.0 | 41.2 | 42.7 | 42.6 | 41.9 | 43.4 | 42.9 | 42.1 | 41.7 | 43.0 | 43.1 |
| Beverages | 43.2 | 40.3 | 37.2 | 36.6 | 36.6 | 37.7 | 33.7 | 36.8 | 36.9 | 39.6 | 37.6 | 38.2 | 39.2 |
| Textile Mill Products | 42.6 | 44.7 | 44.8 | 44.0 | 44.1 | 44.4 | 42.8 | 43.9 | 43.8 | 43.6 | 43.5 | 43.5 | 43.1 |
| Apparel & Other Textile Products | 34.1 | 34.3 | 34.3 | 34.6 | 34.4 | 34.0 | 33.5 | 33.9 | 33.9 | 33.6 | 33.7 | 33.8 | 33.6 |
| Men's & boys' suits & coats | 36.1 | 35.2 | 36.1 | 36.1 | 37.0 | 37.4 | 34.5 | 37.2 | 36.1 | 36.4 | 35.5 | 35.2 | 36.4 |
| Men's & boys' furnishings | 31.9 | 33.3 | 33.9 | 34.9 | 34.8 | 34.3 | 33.6 | 34.9 | 34.7 | 36.1 | 36.4 | 37.4 | 36.1 |
| Women's & children's undergarm. | 32.2 | 33.9 | 35.2 | 35.3 | 35.1 | 33.8 | 33.5 | 35.1 | 36.0 | 36.0 | 35.0 | 33.8 | 33.5 |
| Paper & Allied Products | 43.0 | 44.1 | 43.9 | 44.4 | 44.4 | 44.5 | 43.9 | 43.9 | 43.7 | 43.2 | 43.2 | 43.9 | 43.7 |
| Paperboard containers & boxes | 42.2 | 43.6 | 44.4 | 44.5 | 44.9 | 43.7 | 41.8 | 43.8 | 42.8 | 42.4 | 41.8 | 43.3 | 43.8 |
| Printing & Publishing* | 39.4 | 40.5 | 40.8 | 39.4 | 39.4 | 39.6 | 39.3 | 39.2 | 38.9 | 39.0 | 40.4 | 40.1 | 40.0 |
| Newspapers | 34.6 | 35.4 | 36.0 | 36.2 | 36.9 | 36.5 | 35.2 | 35.3 | 34.7 | 36.0 | 35.0 | 35.0 | 34.9 |
| Commercial printing* | 40.3 | 41.3 | 41.6 | 38.9 | 38.4 | 38.7 | 37.3 | 37.9 | 36.4 | 37.6 | 41.0 | 40.3 | 40.7 |
| Chemicals & Allied Products | 41.8 | 42.6 | 42.6 | 42.6 | 43.3 | 43.0 | 42.6 | 42.5 | 42.5 | 42.6 | 42.5 | 42.7 | 42.4 |
| Industrial inorganic chemical* | 43.6 | 42.2 | 42.4 | 42.7 | 44.5 | 44.6 | 43.4 | 42.6 | 43.5 | 42.7 | 43.2 | 44.4 | 42.4 |
| Plastic materials & synthetics | 42.7 | 44.3 | 42.8 | 43.2 | 46.3 | 44.2 | 44.6 | 43.9 | 44.4 | 44.9 | 44.6 | 44.6 | 44.7 |
| Drugs* | 41.1 | 41.8 | 42.0 | 41.9 | 41.9 | 42.1 | 41.7 | 42.0 | 41.7 | 42.8 | 42.7 | 42.2 | 41.8 |
| Soaps, cleaners & toilet goods* | 41.7 | 43.4 | 43.0 | 43.5 | 43.9 | 43.5 | 42.5 | 41.5 | 40.7 | 40.4 | 39.4 | 39.6 | 40.0 |
| Paints & allied products* | 41.9 | 42.6 | 43.3 | 41.8 | 43.1 | 42.8 | 41.3 | 42.5 | 42.9 | 43.8 | 44.4 | 44.1 | 44.3 |
| Industrial organic chemicals | 41.0 | 41.2 | 41.9 | 41.4 | 42.3 | 41.7 | 42.3 | 42.6 | 42.7 | 42.5 | 43.1 | 43.6 | 43.2 |
| Petroleum & Coal Products* | 43.0 | 43.0 | 42.2 | 41.9 | 43.5 | 42.1 | 41.9 | 42.0 | 42.4 | 43.2 | 43.4 | 43.9 | 45.1 |
| Petroleum refining* | 42.6 | 42.8 | 41.9 | 42.0 | 43.7 | 42.3 | 42.7 | 42.5 | 43.0 | 43.5 | 43.8 | 44.5 | 45.7 |
| Rubber & Plastic Products, | 40.6 | 41.6 | 42.3 | 41.9 | 42.3 | 42.1 | 41.5 | 42.6 | 41.8 | 42.2 | 41.6 | 42.2 | 42.6 |
| Rubber & rubber products* | 40.2 | 41.8 | 42.1 | 41.8 | 43.7 | 43.8 | 43.5 | 43.3 | 42.7 | 42.4 | 42.6 | 42.9 | 42.9 |
| Miscellaneous plastic products | 40.7 | 41.6 | 42.4 | 41.9 | 42.0 | 41.8 | 41.1 | 42.5 | 41.7 | 42.1 | 41.4 | 42.1 | 42.5 |
| Leather & Leather Products* | 40.2 | 41.3 | 41.0 | 40.3 | 38.9 | 38.3 | 37.4 | 38.2 | 39.5 | 39.2 | 38.8 | 40.5 | 40.8 |

Average hours worked or paid for are affected by labor turnover, changes in overtime hours, and part-time employment.
* Data from 1983 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

AVERAGE HOURLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjusted)

| | 1983 Jul | Aug | Sep | Oct | Nov | Dec | 1984 Jan | Feb | Mar | Apr | May | Jun | Jul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL MANUFACTURING | 9.14 | 9.11 | 9.15 | 9.18 | 9.22 | 9.31 | 9.34 | 9.31 | 9.31 | 9.35 | 9.34 | 9.32 | 9.34 |
| Durable Goods | 9.17 | 9.17 | 9.25 | 9.28 | 9.30 | 9.38 | 9.43 | 9.42 | 9.39 | 9.40 | 9.41 | 9.42 | 9.38 |
| Lumber & Wood Products | 6.18 | 6.05 | 6.15 | 6.33 | 6.05 | 6.08 | 6.09 | 6.20 | 6.03 | 6.12 | 6.18 | 6.21 | 6.29 |
| Furniture & Fixtures* | 7.50 | 7.59 | 7.52 | 7.49 | 7.38 | 7.40 | 7.45 | 7.51 | 7.60 | 7.68 | 7.73 | 7.67 | 7.86 |
| Stone, Clay & Glass Products | 9.31 | 9.34 | 9.32 | 9.40 | 9.45 | 9.44 | 9.51 | 9.52 | 9.56 | 9.60 | 9.65 | 9.71 | 9.81 |
| Glass & glassware/pressed, blown | 9.47 | 9.47 | 9.56 | 9.65 | 9.58 | 9.56 | 9.64 | 9.71 | 9.75 | 9.85 | 9.81 | 9.89 | 10.00 |
| Pottery & related products | 8.78 | 8.59 | 8.91 | 9.12 | 9.17 | 9.13 | 9.42 | 9.31 | 9.49 | 9.27 | 9.44 | 9.34 | 9.37 |
| Primary Metal Industries | 9.28 | 9.18 | 9.21 | 9.28 | 9.29 | 9.42 | 9.40 | 9.39 | 9.30 | 9.32 | 9.27 | 9.21 | 9.34 |
| Blast Furn. & Basic Steel prod. | 9.43 | 9.33 | 9.44 | 9.48 | 9.49 | 9.72 | 9.75 | 9.71 | 9.76 | 9.81 | 9.69 | 9.54 | 9.91 |
| Iron and Iron foundries | 9.16 | 9.17 | 9.05 | 9.18 | 9.25 | 9.17 | 9.53 | 9.50 | 9.67 | 9.55 | 9.63 | 9.54 | 9.45 |
| Primary & secondary nonfer. met.* | 13.94 | 13.60 | 13.73 | 13.89 | 14.23 | 14.45 | 13.96 | 14.01 | 13.60 | 13.75 | 12.90 | 13.03 | 13.07 |
| Nonfer. rolling & drawing metals | 7.94 | 7.86 | 7.90 | 7.99 | 8.02 | 8.08 | 8.34 | 8.35 | 8.29 | 8.22 | 8.13 | 8.09 | 8.13 |
| Fabricated Metals, incl. Ordnance | 9.23 | 9.24 | 9.30 | 9.35 | 9.49 | 9.52 | 9.63 | 9.59 | 9.49 | 9.45 | 9.50 | 9.40 | 9.35 |
| Metal cans* | 9.59 | 9.72 | 9.81 | 9.94 | 10.02 | 9.96 | 9.73 | 9.59 | 9.87 | 9.87 | 9.88 | 9.81 | 10.01 |
| Cutlery, hand tools & hardware | 11.99 | 11.78 | 11.94 | 12.00 | 12.53 | 12.57 | 13.05 | 12.72 | 12.53 | 12.66 | 12.79 | 12.54 | 12.81 |
| Fabricated struct. metal prod.* | 8.25 | 8.36 | 8.40 | 8.51 | 8.51 | 8.63 | 8.82 | 8.75 | 8.72 | 8.54 | 8.68 | 8.67 | 8.53 |
| Metal stampings | 9.26 | 9.25 | 9.33 | 9.26 | 9.35 | 9.35 | 9.39 | 9.32 | 9.23 | 9.28 | 9.32 | 9.48 | 9.52 |
| Machinery, Except Electrical | 9.66 | 9.71 | 9.80 | 9.80 | 9.81 | 10.01 | 10.06 | 10.09 | 9.99 | 10. | 10.11 | 10.15 | 10.17 |
| Construction & related machinery | 9.45 | 9.41 | 9.43 | 9.47 | 9.64 | 9.75 | 9.54 | 9.73 | 9.76 | 9.77 | 9.60 | 9.61 | 9.67 |
| Metalworking machinery | 9.90 | 9.91 | 10.09 | 10.03 | 10.15 | 10.20 | 10.24 | 10.29 | 10.18 | 10.27 | 10.32 | 10.28 | 10.38 |
| Special industry machinery | 9.74 | 10.00 | 10.10 | 10.31 | 10.20 | 10.45 | 10.73 | 10.68 | 10.57 | 10.48 | 10.72 | 10.69 | 10.63 |
| General industry machinery | 10.12 | 10.01 | 10.18 | 10.22 | 10.24 | 10.29 | 10.02 | 10.09 | 10.04 | 10.05 | 10.05 | 10.12 | 10.26 |
| Service industry machinery* | 9.41 | 9.45 | 9.18 | 9.13 | 8.89 | 8.92 | 9.47 | 9.51 | 9.34 | 9.38 | 9.50 | 9.56 | 9.73 |
| Electrical Equipment & Supplies | 9.10 | 9.08 | 9.06 | 9.13 | 9.16 | 9.24 | 9.31 | 9.28 | 9.25 | 9.21 | 9.27 | 9.26 | 9.25 |
| Elec. test & distribution equip.* | 7.19 | 7.26 | 7.23 | 7.17 | 7.38 | 7.49 | 7.36 | 7.28 | 7.28 | 7.32 | 7.28 | 7.37 | 7.33 |
| Elec. lighting & wiring equip. | 7.30 | 7.15 | 7.11 | 7.22 | 7.30 | 7.33 | 7.40 | 7.36 | 7.44 | 7.44 | 7.56 | 7.61 | 7.57 |
| Radio & TV receiving equipment | 7.91 | 7.88 | 7.97 | 7.99 | 7.94 | 8.00 | 7.95 | 7.80 | 7.76 | 7.96 | 8.00 | 7.89 | 8.01 |
| Communication equipment | 11.23 | 11.26 | 11.27 | 11.30 | 11.31 | 11.32 | 11.69 | 11.80 | 11.75 | 11.65 | 11.63 | 11.60 | 11.67 |
| Electric components & access. | 7.50 | 7.52 | 7.51 | 7.37 | 7.48 | 7.52 | 7.56 | 7.49 | 7.43 | 7.43 | 7.55 | 7.63 | 7.48 |
| Transportation Equipment | 11.90 | 12.10 | 12.51 | 12.58 | 12.43 | 12.62 | 12.35 | 12.58 | 13.00 | 13.03 | 12.66 | 12.95 | 12.19 |
| Motor vehicles & equipment | 12.45 | 12.75 | 13.15 | 13.20 | 13.03 | 13.26 | 13.01 | 13.20 | 13.70 | 13.73 | 13.34 | 13.91 | 12.99 |
| Instruments & Related Products | 9.58 | 9.61 | 9.72 | 9.64 | 9.66 | 9.68 | 9.86 | 9.85 | 9.86 | 9.97 | 9.93 | 9.93 | 10.06 |
| Miscellaneous Mfg. Industries | 7.28 | 7.25 | 7.41 | 7.37 | 7.33 | 7.31 | 7.59 | 7.35 | 7.27 | 7.25 | 7.27 | 7.30 | 7.32 |
| Nondurable Goods | 9.10 | 9.05 | 9.06 | 9.08 | 9.16 | 9.25 | 9.26 | 9.21 | 9.24 | 9.30 | 9.27 | 9.23 | 9.30 |
| Food & Kindred Products | 9.88 | 9.83 | 9.77 | 9.86 | 9.83 | 9.87 | 9.97 | 10.07 | 10.09 | 10.10 | 10.09 | 10.11 | 10.10 |
| Canned, cured & frozen foods | 9.03 | 9.08 | 8.92 | 9.00 | 8.87 | 9.09 | 9.58 | 9.33 | 9.49 | 9.50 | 9.39 | 9.19 | 9.00 |
| Grain mill & bakery products | 8.89 | 8.90 | 8.91 | 8.80 | 8.79 | 8.83 | 9.09 | 9.50 | 9.81 | 9.72 | 9.75 | 9.84 | 9.73 |
| Beverages | 13.85 | 13.87 | 14.10 | 14.17 | 14.18 | 14.17 | 13.69 | 13.67 | 13.25 | 13.53 | 13.49 | 13.39 | 13.09 |
| Textile Mill Products | 7.42 | 7.39 | 7.36 | 7.39 | 7.33 | 7.36 | 7.35 | 7.42 | 7.46 | 7.50 | 7.41 | 7.48 | 7.47 |
| Apparel & Other Textile Products | 6.12 | 6.09 | 6.13 | 6.13 | 6.15 | 6.10 | 6.13 | 6.05 | 6.12 | 6.13 | 6.15 | 6.12 | 6.13 |
| Men's and boys' suits & coats | 5.56 | 5.62 | 5.72 | 5.69 | 5.80 | 5.71 | 5.55 | 5.43 | 5.50 | 5.52 | 5.60 | 5.56 | 5.30 |
| Men's & boys' furnishings | 5.88 | 5.84 | 5.82 | 5.84 | 5.79 | 5.70 | 5.85 | 5.90 | 5.98 | 5.96 | 5.90 | 5.97 | 5.97 |
| Women's & children's undergarm. | 6.65 | 6.61 | 6.83 | 6.93 | 6.87 | 6.71 | 6.79 | 6.81 | 6.88 | 6.74 | 6.62 | 6.47 | 6.52 |
| Paper & Allied Products | 9.31 | 9.32 | 9.35 | 9.43 | 9.49 | 9.50 | 9.61 | 9.59 | 9.66 | 9.61 | 9.65 | 9.70 | 9.65 |
| Paperboard containers & boxes | 8.76 | 8.78 | 8.74 | 8.83 | 9.01 | 8.99 | 8.99 | 9.07 | 9.09 | 9.14 | 9.02 | 9.17 | 9.19 |
| Printing & Publishing* | 9.25 | 9.17 | 9.24 | 9.21 | 9.19 | 9.30 | 9.29 | 9.37 | 9.24 | 9.38 | 9.14 | 9.10 | 9.15 |
| Newspapers | 10.69 | 10.61 | 10.64 | 10.68 | 10.90 | 11.04 | 11.01 | 10.94 | 10.89 | 11.02 | 11.17 | 11.27 | 11.43 |
| Commercial printing* | 10.18 | 10.10 | 10.11 | 10.21 | 9.98 | 10.00 | 10.02 | 10.29 | 9.92 | 10.24 | 9.54 | 9.46 | 9.41 |
| Chemicals & Allied Products | 10.66 | 10.67 | 10.74 | 10.75 | 10.90 | 11.02 | 11.01 | 11.00 | 11.05 | 11.18 | 11.29 | 11.21 | 11.32 |
| Industrial inorganic chemicals* | 11.40 | 11.43 | 11.41 | 11.44 | 11.46 | 11.42 | 11.45 | 11.48 | 11.61 | 11.79 | 11.81 | 11.84 | 11.90 |
| Plastic materials & synthetics | 10.94 | 10.85 | 10.70 | 10.78 | 10.71 | 10.55 | 10.77 | 10.76 | 10.95 | 11.10 | 11.22 | 11.17 | 11.34 |
| Drugs* | 10.17 | 10.32 | 10.38 | 10.42 | 10.53 | 10.65 | 10.30 | 10.36 | 10.28 | 10.50 | 10.51 | 10.46 | 10.56 |
| Soaps, cleaners & toilet goods* | 9.45 | 9.40 | 9.43 | 9.58 | 10.02 | 10.34 | 10.31 | 9.94 | 9.90 | 9.98 | 10.19 | 9.97 | 10.39 |
| Paints & allied products* | 10.09 | 10.13 | 10.38 | 10.15 | 10.11 | 10.13 | 10.35 | 10.27 | 10.33 | 10.40 | 10.48 | 10.31 | 10.10 |
| Industrial organic chemicals | 12.44 | 12.37 | 12.60 | 12.40 | 12.50 | 12.65 | 12.68 | 12.81 | 12.96 | 13.07 | 13.10 | 13.15 | 13.19 |
| Petroleum & Coal Products* | 14.82 | 14.71 | 14.79 | 14.89 | 15.13 | 14.97 | 14.98 | 14.70 | 14.90 | 14.82 | 14.77 | 14.71 | 14.90 |
| Petroleum refining* | 15.85 | 15.69 | 15.72 | 15.81 | 16.09 | 15.91 | 15.93 | 15.59 | 15.91 | 15.84 | 15.72 | 15.76 | 15.90 |
| Rubber & Plastic Products, | 7.53 | 7.51 | 7.57 | 7.59 | 7.64 | 7.71 | 7.55 | 7.50 | 7.48 | 7.52 | 7.52 | 7.54 | 7.64 |
| Rubber & rubber products* | 8.43 | 8.29 | 8.25 | 8.27 | 8.38 | 8.50 | 8.54 | 8.56 | 8.40 | 8.38 | 8.16 | 8.17 | 8.20 |
| Miscellaneous plastic products | 7.34 | 7.35 | 7.43 | 7.45 | 7.48 | 7.54 | 7.34 | 7.28 | 7.29 | 7.35 | 7.39 | 7.40 | 7.52 |
| Leather & Leather Products* | 5.54 | 5.62 | 5.53 | 5.47 | 5.43 | 5.58 | 5.63 | 5.54 | 5.61 | 5.63 | 5.63 | 5.72 | 5.79 |

Hourly earnings include paid holidays, vacation, and sick leave. They are affected by changes in work force composition and in wage rates.
* Data from 1983 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

NEW JERSEY LABOR FORCE DATA
(thousands)

| | July 1984 | June 1984 | July 1983 | Net change from Month Ago | Net change from Year Ago |
|---|---|---|---|---|---|
| Civilian Labor Force | 3,880 | 3,825 | 3,739 | 55.0 | 141.0 |
| Total Employment | 3,635 | 3,623 | 3,430 | 12.0 | 205.0 |
| Total Unemployment | 245 | 202 | 310 | 43.0 | - 65.0 |
| Seasonally adjusted unemployment total | 248 | 192 | 304 | 56.0 | - 56.0 |
| Unemployment Rate | 6.3 | 5.3 | 8.3 | 1.0 | - 2.0 |
| Seasonally adjusted unemployment rate | 6.5 | 5.1 | 8.3 | 1.4 | - 1.8 |

Note: Based on U. S. Bureau of Labor Statistics method.

UNEMPLOYMENT INSURANCE CLAIMS IN NEW JERSEY*

| Program | July 1984 | June 1984 | July 1983 | Net change from Month Ago | Net change from Year Ago |
|---|---|---|---|---|---|
| Regular State UI Program | 89,201 | 81,278 | 102,967 | +7,923 | -13,766 |
| Federal Employees' Program | 454 | 464 | 695 | - 10 | - 241 |
| Veterans' Program | 274 | 293 | 659 | - 19 | - 385 |
| Extended Benefits[1] | 1 | 3 | 395 | - 2 | - 394 |
| Federal Supplemental Compensation[2] | 10,122 | 12,821 | 20,540 | -2,699 | -10,418 |
| TOTAL | 100,052 | 94,859 | 125,256 | +5,193 | -25,204 |

[1]Provides 13 additional weeks of benefits to workers exhausting regular state UI benefits. Extended Benefits "triggered off" in June 1981.

[2]Provides up to 8 additional weeks of unemployment benefits for eligible workers. This is a temporary program, which began September 12, 1982 and extends through March 31, 1985. Since the maximum duration varies depending on the insured unemployment rate, monthly changes should be interpreted with caution.

CHARACTERISTICS OF THE NEW JERSEY INSURED UNEMPLOYED*
(Regular State UI Program Only)
(thousands)

| | July 1984 | June 1984 | July 1983 | Net change from Month Ago | Net change from Year Ago |
|---|---|---|---|---|---|
| TOTAL INSURED UNEMPLOYED | 89.2 | 81.3 | 103.0 | +7.9 | -13.8 |
| Male | 43.1 | 43.9 | 52.7 | -0.8 | - 9.6 |
| Female | 46.1 | 37.4 | 50.3 | +8.7 | - 4.2 |
| White, not Hispanic | 58.2 | 51.2 | 71.8 | +7.0 | -13.6 |
| Black, not Hispanic | 20.4 | 18.6 | 19.6 | +1.8 | + 0.8 |
| Hispanic | 10.0 | 10.6 | 11.0 | -0.6 | - 1.0 |
| American Indian or Alaskan Native | 0 | 0.1 | 0.2 | -0.1 | - 0.2 |
| Asian or Pacific Islander | 0.1 | 0.3 | 0.1 | -0.2 | 0.0 |
| Race/Ethnic Status not reported | 0.5 | 0.5 | 0.3 | 0.0 | + 0.2 |
| MANUFACTURING | 31.7 | 29.1 | 37.0 | +2.6 | - 5.3 |
| Durable Goods | 13.7 | 13.6 | 18.6 | +0.1 | - 4.9 |
| Fabricated metals, incl. ordn. | 1.7 | 1.9 | 3.2 | -0.2 | - 1.5 |
| Machinery except electrical | 2.4 | 2.1 | 4.2 | +0.3 | - 1.8 |
| Electrical machinery | 3.1 | 3.6 | 3.2 | -0.5 | - 0.1 |
| Nondurable Goods | 18.0 | 15.5 | 18.4 | +2.5 | - 0.4 |
| Food & kindred products | 1.7 | 1.6 | 2.1 | +0.1 | - 0.4 |
| Textile mill products | 1.1 | 1.0 | 1.4 | +0.1 | - 0.3 |
| Apparel & other textile products | 7.7 | 6.2 | 6.0 | +1.5 | + 1.7 |
| Printing & publishing | 1.4 | 1.1 | 2.1 | -0.3 | - 0.7 |
| Chemicals & allied products | 2.4 | 2.4 | 2.8 | 0.0 | - 0.4 |
| Rubber & misc. plastic products | 1.8 | 1.1 | 2.2 | +0.7 | - 0.4 |
| NONMANUFACTURING | 55.5 | 50.3 | 65.8 | +5.2 | -10.3 |
| Contract construction | 4.5 | 5.1 | 7.2 | -0.6 | - 2.7 |
| Transportation & public utilities | 5.8 | 5.5 | 7.1 | +0.3 | - 1.3 |
| Wholesale & retail trade | 18.5 | 16.0 | 22.6 | +2.5 | - 4.1 |
| Finance, insurance & real estate | 3.4 | 2.9 | 3.4 | +0.5 | 0.0 |
| Services | 17.6 | 15.3 | 19.9 | +2.3 | - 2.3 |
| BY AGE OF CLAIMANT | | | | | |
| Under 25 | 15.8 | 14.0 | 19.6 | +1.8 | - 3.8 |
| 25 through 34 | 27.8 | 26.4 | 30.3 | +1.4 | - 2.5 |
| 35 through 44 | 17.8 | 16.7 | 21.0 | +1.1 | - 3.2 |
| 45 through 54 | 13.3 | 11.8 | 15.8 | +1.5 | - 2.5 |
| 55 through 64 | 11.9 | 10.5 | 13.3 | +1.4 | - 1.4 |
| 65 and over | 2.7 | 2.0 | 2.9 | +0.7 | - 0.2 |
| BY DURATION OF UNEMPLOYMENT | | | | | |
| 1 to 2 weeks | 9.4 | 7.9 | 14.1 | +1.5 | - 4.7 |
| 3 to 4 weeks | 13.7 | 9.4 | 15.6 | +4.3 | - 1.9 |
| 5 through 14 weeks | 42.9 | 40.6 | 43.4 | +2.3 | - 0.5 |
| 15 weeks and over | 23.1 | 23.4 | 29.8 | -0.3 | - 6.7 |

*Data are for claimants in the week including the 19th of the month and are not seasonally adjusted. The data on characteristics of the insured unemployed under the Regular State UI Program are based on a sample of all insured unemployed. Industry data are for selected categories and do not add to totals. Unemployment Insurance Claims data subject to revision.

RESIDENTIAL CONSTRUCTION AUTHORIZED BY BUILDING PERMITS IN NEW JERSEY

| | May[1] 1984 | April[2] 1984 | Year to Date[3] 1984 | 1983 | % Change |
|---|---|---|---|---|---|
| TOTAL DWELLING UNITS AUTHORIZED | 3,964 | 1,998 | 11,169 | 10,215 | + 9.3 |
| Private Units | 3,703 | 1,998 | 10,908 | 10,021 | + 8.9 |
| Single Family | 2,056 | 1,610 | 7,103 | 6,374 | + 11.4 |
| Two-Family | 84 | 110 | 606 | 476 | + 27.3 |
| Three-or-Four Family | 30 | 12 | 150 | 119 | + 26.1 |
| Five or More Family | 1,533 | 266 | 3,049 | 3,052 | - 0.1 |
| Public Units | 261 | 0 | 261 | 194 | + 34.5 |
| ESTIMATED VALUE OF RESIDENTIAL PERMITS (000) | $248,543 | $152,932 | $743,892 | $641,346 | + 16.0 |
| New Buildings | $214,342 | $120,026 | $615,523 | $536,622 | + 14.7 |
| Additions and Alterations | $ 34,201 | $ 32,906 | $128,369 | $104,369 | + 22.6 |

[1]Based on reports received from 398 of 567 municipalities.
[2]Based on reports received from 404 of 567 municipalities.
[3]Does not include any late reports.

SOURCE: N.J. Department of Labor

OFFICIAL BLS SAMPLE ESTIMATES
STANDARD ERRORS AND COEFFICIENTS OF VARIATION
(not seasonally adjusted)

| Year | Month | RESIDENT EMPLOYMENT (in thousands) Estimate | Standard Error | Coefficient of Variation | UNEMPLOYMENT (in thousands) Estimate | Standard Error | Coefficient of Variation | UNEMPLOYMENT RATE (percent of labor force) Estimate | Standard Error | Coefficient of Variation |
|---|---|---|---|---|---|---|---|---|---|---|
| 1981 | Jan | 3,296 | ±55 | 1.7% | 288 | ±24 | 8.3% | 8.0% | ±.7 | 8.8% |
| | Feb | 3,265 | ±55 | 1.7% | 272 | ±24 | 8.8% | 7.7% | ±.7 | 9.1% |
| | Mar | 3,286 | ±55 | 1.7% | 311 | ±25 | 8.0% | 8.6% | ±.7 | 8.1% |
| | Apr | 3,304 | ±55 | 1.7% | 270 | ±24 | 8.9% | 7.5% | ±.6 | 8.0% |
| | May | 3,339 | ±55 | 1.6% | 288 | ±24 | 8.3% | 7.9% | ±.7 | 8.9% |
| | Jun | 3,354 | ±55 | 1.6% | 270 | ±24 | 8.9% | 7.4% | ±.6 | 8.1% |
| | Jul | 3,389 | ±55 | 1.6% | 247 | ±23 | 9.3% | 6.8% | ±.6 | 8.8% |
| | Aug | 3,338 | ±55 | 1.6% | 236 | ±22 | 9.3% | 6.6% | ±.6 | 9.1% |
| | Sep | 3,272 | ±55 | 1.7% | 220 | ±21 | 9.5% | 6.3% | ±.6 | 9.5% |
| | Oct | 3,352 | ±55 | 1.6% | 230 | ±22 | 9.6% | 6.4% | ±.6 | 9.4% |
| | Nov | 3,325 | ±55 | 1.7% | 252 | ±23 | 9.1% | 7.0% | ±.6 | 8.6% |
| | Dec | 3,270 | ±55 | 1.7% | 259 | ±23 | 8.4% | 7.3% | ±.6 | 8.2% |
| 1982 | Jan | 3,214 | ±55 | 1.7% | 351 | ±27 | 7.7% | 9.8% | ±.7 | 7.1% |
| | Feb | 3,180 | ±56 | 1.8% | 327 | ±26 | 8.0% | 9.3% | ±.7 | 7.5% |
| | Mar | 3,259 | ±55 | 1.7% | 331 | ±26 | 7.9% | 9.2% | ±.7 | 7.6% |
| | Apr | 3,275 | ±55 | 1.7% | 319 | ±25 | 7.8% | 8.9% | ±.7 | 7.9% |
| | May | 3,318 | ±55 | 1.7% | 355 | ±27 | 7.6% | 9.7% | ±.7 | 7.2% |
| | Jun | 3,353 | ±55 | 1.6% | 314 | ±25 | 7.9% | 8.6% | ±.7 | 8.1% |
| | Jul | 3,399 | ±55 | 1.6% | 312 | ±25 | 8.0% | 8.4% | ±.7 | 8.3% |
| | Aug | 3,340 | ±55 | 1.6% | 320 | ±26 | 8.0% | 8.7% | ±.7 | 8.0% |
| | Sep | 3,288 | ±55 | 1.7% | 308 | ±25 | 8.1% | 8.6% | ±.7 | 8.1% |
| | Oct | 3,336 | ±55 | 1.6% | 300 | ±25 | 8.3% | 8.3% | ±.7 | 8.4% |
| | Nov | 3,330 | ±55 | 1.7% | 345 | ±26 | 7.5% | 9.4% | ±.7 | 7.4% |
| | Dec | 3,291 | ±55 | 1.7% | 318 | ±25 | 7.9% | 8.8% | ±.7 | 8.0% |
| 1983 | Jan | 3,263 | ±55 | 1.7% | 322 | ±26 | 8.1% | 9.0% | ±.7 | 7.8% |
| | Feb | 3,240 | ±55 | 1.7% | 325 | ±26 | 8.0% | 9.1% | ±.7 | 7.7% |
| | Mar | 3,250 | ±55 | 1.7% | 325 | ±26 | 8.0% | 9.1% | ±.7 | 7.7% |
| | Apr | 3,336 | ±55 | 1.6% | 268 | ±23 | 8.6% | 7.4% | ±.6 | 8.1% |
| | May | 3,342 | ±55 | 1.6% | 272 | ±24 | 8.8% | 7.5% | ±.6 | 8.0% |
| | Jun | 3,382 | ±55 | 1.6% | 315 | ±25 | 7.9% | 8.5% | ±.7 | 8.2% |
| | Jul | 3,428 | ±55 | 1.6% | 309 | ±25 | 8.1% | 8.3% | ±.7 | 8.4% |
| | Aug | 3,407 | ±55 | 1.6% | 319 | ±25 | 7.8% | 8.6% | ±.7 | 8.1% |
| | Sep | 3,370 | ±55 | 1.6% | 280 | ±24 | 8.6% | 7.7% | ±.6 | 7.8% |
| | Oct | 3,433 | ±55 | 1.6% | 218 | ±21 | 9.6% | 6.0% | ±.6 | 10.0% |
| | Nov | 3,444 | ±55 | 1.6% | 243 | ±22 | 9.1% | 6.6% | ±.6 | 9.1% |
| | Dec | 3,512 | ±54 | 1.5% | 246 | ±23 | 9.3% | 6.5% | ±.6 | 9.2% |
| 1984 | Jan | 3,464 | ±54 | 1.6% | 287 | ±24 | 8.4% | 7.6% | ±.6 | 7.9% |
| | Feb | 3,508 | ±54 | 1.5% | 253 | ±23 | 9.1% | 6.7% | ±.6 | 9.0% |
| | Mar | 3,518 | ±54 | 1.5% | 282 | ±24 | 8.5% | 7.4% | ±.6 | 8.1% |
| | Apr | 3,636 | ±53 | 1.5% | 256 | ±23 | 9.0% | 6.6% | ±.6 | 9.1% |
| | May | 3,643 | ±53 | 1.5% | 243 | ±22 | 9.1% | 6.3% | ±.6 | 9.5% |
| | Jun | 3,623 | ±54 | 1.5% | 202 | ±20 | 9.9% | 5.3% | ±.5 | 9.4% |
| | Jul | 3,635 | ±53 | 1.5% | 245 | ±22 | 9.0% | 6.3% | ±.6 | 9.5% |

Data Notes

Standard errors can be used to construct confidence intervals around each sample estimate. A 68% confidence interval means that, if repeated samples were drawn from the same population, the interval of plus or minus one standard error around each sample estimate would contain, in 68% of the cases, the true value based on a complete census of the population.

The standard errors and coefficients of variation are developed on the basis of past observed variation in New Jersey's sample data. They cannot be applied to seasonally adjusted data because a source of variation, namely seasonal patterns, have already been eliminated by the seasonal adjustment procedure.

COMPARATIVE US AND NJ
CIVILIAN LABOR FORCE TRENDS
Seasonally Adjusted*
(000)
1983 Benchmark

| Date | LABOR FORCE | | EMPLOYMENT | | UNEMPLOYMENT VOLUME | | UNEMPLOYMENT RATE (%) | |
|---|---|---|---|---|---|---|---|---|
| | US | NJ | US | NJ | US | NJ | US | NJ |
| 1978 | 102,251 | 3,444.0 | 96,048 | 3,197.0 | 6,202 | 247.0 | 6.1 | 7.2 |
| 1979 | 104,962 | 3,556.0 | 98,824 | 3,311.0 | 6,137 | 246.0 | 5.8 | 6.9 |
| 1980 | 106,940 | 3,581.0 | 99,303 | 3,322.0 | 7,637 | 259.0 | 7.1 | 7.2 |
| 1981 | 108,670 | 3,580.0 | 100,397 | 3,318.0 | 8,273 | 262.0 | 7.6 | 7.3 |
| 1982 | 110,204 | 3,619.0 | 99,526 | 3,294.0 | 10,678 | 325.0 | 9.7 | 9.0 |
| 1983 | 111,550 | 3,656.0 | 100,834 | 3,369.0 | 10,717 | 287.0 | 9.6 | 7.8 |
| 1982 | | | | | | | | |
| Jan | 109,075 | 3,583.0 | 99,682 | 3,248.0 | 9,393 | 335.0 | 8.6 | 9.3 |
| Feb | 109,503 | 3,552.0 | 99,810 | 3,240.0 | 9,693 | 312.0 | 8.9 | 8.8 |
| Mar | 109,664 | 3,611.0 | 99,754 | 3,303.0 | 9,910 | 308.0 | 9.0 | 8.5 |
| Apr | 109,901 | 3,634.0 | 99,598 | 3,303.0 | 10,303 | 331.0 | 9.4 | 9.1 |
| May | 110,542 | 3,641.0 | 100,179 | 3,310.0 | 10,363 | 331.0 | 9.4 | 9.1 |
| Jun | 110,133 | 3,613.0 | 99,653 | 3,312.0 | 10,480 | 301.0 | 9.5 | 8.3 |
| Jul | 110,399 | 3,625.0 | 99,503 | 3,323.0 | 10,896 | 302.0 | 9.9 | 8.3 |
| Aug | 110,473 | 3,626.0 | 99,563 | 3,302.0 | 10,910 | 324.0 | 9.9 | 8.9 |
| Sep | 110,679 | 3,634.0 | 99,412 | 3,308.0 | 11,267 | 326.0 | 10.2 | 9.0 |
| Oct | 110,690 | 3,637.0 | 99,146 | 3,301.0 | 11,544 | 336.0 | 10.4 | 9.2 |
| Nov | 110,923 | 3,664.0 | 99,036 | 3,305.0 | 11,887 | 359.0 | 10.7 | 9.8 |
| Dec | 110,873 | 3,609.0 | 98,979 | 3,278.0 | 11,894 | 331.0 | 10.7 | 9.2 |
| 1983 | | | | | | | | |
| Jan | 110,677 | 3,603.0 | 99,154 | 3,298.0 | 11,523 | 305.0 | 10.4 | 8.5 |
| Feb | 110,688 | 3,615.0 | 99,172 | 3,305.0 | 11,516 | 310.0 | 10.4 | 8.6 |
| Mar | 110,735 | 3,598.0 | 99,316 | 3,297.0 | 11,419 | 301.0 | 10.3 | 8.4 |
| Apr | 110,975 | 3,644.0 | 99,606 | 3,365.0 | 11,369 | 279.0 | 10.2 | 7.7 |
| May | 110,950 | 3,589.0 | 99,762 | 3,339.0 | 11,188 | 250.0 | 10.1 | 7.0 |
| Jun | 111,905 | 3,650.0 | 100,743 | 3,347.0 | 11,162 | 303.0 | 10.0 | 8.3 |
| Jul | 111,825 | 3,659.0 | 101,225 | 3,355.0 | 10,600 | 304.0 | 9.5 | 8.3 |
| Aug | 112,117 | 3,701.0 | 101,484 | 3,378.0 | 10,633 | 323.0 | 9.5 | 8.7 |
| Sep | 112,229 | 3,695.0 | 101,876 | 3,398.0 | 10,353 | 297.0 | 9.2 | 8.0 |
| Oct | 111,866 | 3,661.0 | 101,976 | 3,405.0 | 9,896 | 256.0 | 8.8 | 7.0 |
| Nov | 112,035 | 3,685.0 | 102,606 | 3,428.0 | 9,429 | 257.0 | 8.4 | 7.0 |
| Dec | 112,136 | 3,762.0 | 102,941 | 3,503.0 | 9,195 | 259.0 | 8.2 | 6.9 |
| 1984 | | | | | | | | |
| Jan | 112,215 | 3,774.0 | 103,190 | 3,503.0 | 9,026 | 271.0 | 8.0 | 7.2 |
| Feb | 112,693 | 3,811.0 | 103,892 | 3,575.0 | 8,801 | 236.0 | 7.8 | 6.2 |
| Mar | 112,912 | 3,822.0 | 104,140 | 3,565.0 | 8,772 | 257.0 | 7.8 | 6.7 |
| Apr | 113,245 | 3,928.0 | 104,402 | 3,661.0 | 8,843 | 267.0 | 7.8 | 6.8 |
| May | 113,803 | 3,861.0 | 105,288 | 3,639.0 | 8,514 | 222.0 | 7.5 | 5.7 |
| Jun | 113,877 | 3,777.0 | 105,748 | 3,585.0 | 8,130 | 192.0 | 7.1 | 5.1 |
| Jul | 113,938 | 3,812.0 | 105,395 | 3,564.0 | 8,543 | 248.0 | 7.5 | 6.5 |

SOURCE: U.S. Bureau of Labor Statistics

*Annual averages not seasonally adjusted.

STATE OF NEW JERSEY
DEPARTMENT OF LABOR
DIVISION OF PLANNING AND RESEARCH
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CHANGES IN THE ECONOMIC INDICATORS THIS MONTH

Please note: Series 13, 14, and 15 on page S-12 and Series 16 and Series 18 on page S-14 have been revised due to new benchmarks and seasonal adjustment factors.